D.A.T.A.BOOK OF DISCONTINUED THYRISTORS

1973-1974

4th EDITION

THIS D.A.T.A.BOOK VALID UNTIL SEPTEMBER 1974

D.A.T.A. REFERENCE STANDARDS FOR INDUSTRY

HOW TO MAKE MAXIMUM USE OF THIS D.A.T.A.BOOK

To make maximum use of this D.A.T.A.BOOK, select the particular known-unknown situation below that defines your problem, and follow the instructions as indicated.

Notes:

Refer to the current Thyristor book for the outline drawings called out in the technical sections of this book.

1	KNOWN: Type Number UNKNOWN: Manufacturer(s), Address(es) a. Turn to Type Number Cross-Index, Section 1, and locate the subject type number. Contents), and locate the subject type number. b. Note the 3- or 4-letter Manufacturer Code, e.g., TII, GESY, alongside the type number. c. Use the list of Manufacturers Codes, Names and Addresses in back of the book to identify the manufacturer.
2	KNOWN: Type Number UNKNOWN: Its Electrical Characteristics a. Turn to Type Number Cross-Index and locate the subject type number. b. Note the page and line number, e.g., 20-104, alongside the type number. c. Locate the type number as noted, in the technical sections.
3	KNOWN: Type Number UNKNOWN: Current Equivalents or Similar Types a. Turn to Type Number Cross-Index and locate the subject type number. b. Observe whether the subject type has been replaced by another type, and whether the replacement type is itself current (cur) or obsolete (obs). c. If the replacement type is obsolete, look for it in the Type Number Cross-Index of this book; if current, in the Type Number Cross-Index of the current Thyristor book. d. If no replacement type is indicated, turn to the technical section in this book and locate the subject type. Then turn to the corresponding section of the current book, and survey the type numbers in that section to select a suitable replacement. (In doing this, use the sequencing parameters at the top corner of the page.)
4	KNOWN: Type Number UNKNOWN: Outline Drawing a. Follow the instructions in Block 2 above. b. The last two entries of the technical listing indicate the outline drawing for the subject type. c. Locate the drawing in the current Thyristor book, as applicable.

D.A.T.A., INC.
A Cordura Company

D.A.T.A.BOOK OF DISCONTINUED THYRISTORS

4th EDITION 1973 – 1974

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SYMBOLS & CODES EXPLAINED

ALL VALUES ARE TYPICAL AND @ 25°C UNLESS OTHERWISE INDICATED BY COLUMN HEADINGS OR SYMBOLS.

FOLLOWING TYPE NO. & IN TYPE NO. CROSS-INDEX:

△, □, #, % ..... Used when two or more manufacturers assign the same type number to different devices.

RT..... Indicates replacement type; consult manufacturer.

SYMBOLS & CODES COMMON TO MORE THAN ONE TECHNICAL SECTION

LINE No.

- ▼ – New type
- ♦ – Revised specifications
- # – Non-JEDEC type manufactured outisde U.S.A.

@ TEMP

FOR DERATE TEMPERATURES ONLY

Note: Unless otherwise specified, value indicates temperature at which derating starts

$ – Temp at which derating starts not specified

FOR DERATE & REFERENCE TEMPERATURES

- A – Ambient
- B – Base or stud
- C – Case
- J – Junction
- S – Storage

OPERATING TEMPERATURE RANGE CODE

CODE	TEMP RANGE (°C)
0	0 to 9
1	10 to 19
2	20 to 29
3	30 to 39
4	40 to 49
5	50 to 59
6	60 to 69
7	70 to 79
8	80 to 89
9	90 to 99
A	100 to 109
B	110 to 119
C	120 to 129
D	130 to 139
E	140 to 149
F	150 to 159
G	160 to 169
H	170 to 179
J	180 to 189
K	190 to 199
M	200 to 209
N	210 to 219
X	Not Specified

SYMBOLS

- $ – Minimum value is positive
- * – Ambient
- ∅ – Base or stud
- ☐ – Case
- § – Junction
- % – Storage

EXAMPLES

5 C

Min value lies between −50°C and −59°C

Max value lies between 120°C and 129°C

1 8 $

Min value lies between +10°C and +19°C (pos, because of symbol)

Max value lies between 80°C and 90°C

MAX HOLDING CURRENT

- ∅ – Typical value
- ☐ – Minimum value
- § – At T > 25°C
- $ – At T < 25°C
- △ – I_L: Latching current

LEAD CODE

See Lead Code Identification Guide at end of Section 9 for all codes and symbols

DWG. No.

- § – Device has more than one physical and/or electrical means of connection; see drawing
- † – Liquid cooled
- # – Forced-air cooled
- △ – Convection cooled
- ☐ – Available with reverse polarity; consult manufacturer for details
- * – Radiation resistant; consult manufacturer for details
- % – Available with heat sink

2. DIODES: DIACS AND SCHOCKLEY DIODES

IN ORDER OF(1)USE CODE(2)MAX.FWD.SW.VOLT. (3)REV.VOLT.(4)MAX.REP.ON-ST.CUR.(5)TYPE No.

LINE No.	5 TYPE No.	1 USE CODE	FORWARD SWITCHING VOLTAGE: VS 2 MAX (V)	FORWARD SWITCHING VOLTAGE: VS MIN. (V)	3 REV VOLT. VSYM/ VRRM (V)	4 MAXIMUM REPETITIVE ON-STATE CURRENT ITRM @ (A)	TEMP (°C)	PULSE WIDTH (s)	REP RATE (Hz)	MAX. HOLD CUR. IH (A)	MAXIMUM SWITCH. CURRENT IS@VS (A)	MINIMUM BREAKBACK VOLTAGE ΔVT (V)	@IT (A)	TYP. SW. TIME Ton (s)	SURGE CURRENT ITSM (A)	@PULSE WIDTH (s)	OPER TEMP RNGE CODE - +	LEAD CODE	DRAWING No.
•		1	2		3	4	(Derate Temp)	5	6		7	8	9	10	11	12	•	•	•

1

DAC – Diac (Bidirectional Trigger Diode)
FLD – Shockley (Four-Layer) Diode

2

Note: Min and max V_S values apply in both directions (first and third quadrants) for Diacs, and in forward direction only (first quadrant) for Shockley diodes.

△ – Applies over entire operating temp range for max and min V_S limits
† – Typical value

3

Note: For Diac, V_{SYM} is specified
For FLD, V_{RRM} is specified
△ – V_D: dc blocking voltage
$ – V_{DSM}: Non-repetitive working voltage

4

$ – I_T: Max static on-state current
△ – $I_{T(RMS)}$: rms value
§ – $I_{T(AV)}$: Average value

5

§ – Infinite

6

Note: 0.0 indicates dc
$ – Sinewave frequency

7

∅ – Off-state current at V < V_S
△ – Applies over entire operating temp range
§ – At T > 25°C
$ – At T < 25°C

8

△ – V_T: On-state voltage
† – Typical value
§ – At T > 25°C
$ – At T < 25°C

9

† – Pulsed

10

△ – Applies over entire operating temp range
§ – At T > 25°C

11

△ – Applies over entire operating temp range
§ – At T > 25°C

12

$ – Applies over one sinewave cycle

• See 'Symbols and Codes Common To More Than One Section' on top

3. TRIODES, POWER, REVERSE-BLOCKING: SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.

1

† – Device for parallel operation

2

§ – Available with min avalanche rating
\# – Available with max avalanche rating
☑ – At $V_{GR} \leq 0$
∅ – With R_{GK} in circuit
Δ – V_D: dc blocking voltage
† – $V_{RRM} = V_D$

3

∅ – Modulation use
Δ – $I_{T(RMS)}$: rms value over 180° conduction angle
§ – $I_{T(AV)}$: average value over 180° conduction angle

4

Δ – Min value
§ – At T > 25°C
$ – At T < 25°C
♦ – Max gate sensitivity for four quadrants

5

Note: $I_R = I_D$ unless otherwise indicated
∅ – one cycle avg
Δ – Continuous dc
† – I_D only ($I_D \neq I_R$)
§ – I_D only (I_R not specified)

6

∅ – One cycle avg
Δ – Continuous dc
† – Pulsed
§ – At T > 25°C
$ – At T < 25°C

7

§ – At T > 25°C
☑ – Max value
♦ – Max non-repetitive di/dt, in A/us

8

§ – At T > 25°C
☑ – Max value

9

Δ – Applies over entire operating temp range
§ – At T > 25°C
∅ – Typical value

10

Note: Given for one-half cycle of sinewave at 60 H_z (or 50 H_z for non-U.S. types) unless otherwise indicated.
* – Surge duration < 1/2 cycle
☑ – Surge duration > 1/2 cycle
† – Repetitive
Δ – Applies over entire operating temp range
§ – At T > 25°C

4. TRIODES, POWER, BI-DIRECTIONAL: TRIACS

IN ORDER OF(1)MAX.REPETIT.OFF-STATE VOLTAGE (2)MAX.RMS CUR(3)@TEMP(4)IGT(5)VGT(6)TYPE No

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAXIMUM RMS CURRENT IT(RMS) (A)	3 @T (°C)	MAXIMUM GATE FIRING CHAR:1ST QD 4 IGT (A)	5 VGT (V)	MAX HOLD CUR. IH (A)	MAX.OFF-ST. CURRENT ID@VDRM (A)	@T (°C)	PEAK ON-STATE VOLTAGE VTM (V)	@IT (A)	TYPICAL SWITCHING TIME Tgt (s)	@IT (A)	WORST-CASE dV/dt COMM. V/us	STATIC V/us	SURGE CUR-RENT ITSM (A)	OPER TEMP RNGE CODE - +	LEAD CODE	DRAWING No.

1

* – V_{AG}: Anode-to-gate voltage
Δ – V_D: dc blocking voltage
☑ – At $V_{GT} \leq 0$
∅ – With R_{GK} in circuit

2

$ – I_T: Max static on-state current
§ – Max avg dc current at 360° conduction angle

3

† – Typical value
§ – At T > 25°C
$ – At T < 25°C
☑ – Pulsed

4

♦ – At $V < V_{DRM}$
∅ – One cycle avg

5

† – Typical value
§ – At T > 25°C
$ – At T < 25°C

6

† – Pulsed

7

☑ – Max value
§ – At T > 25°C
♦ – Max non-repetitive di/dt, in A/us

8

† – Typical value
♦ – Specified at $I < I_{T(MAX)}$ and/or $V < V_{DRM}$
§ – At T > 25°C

9

† – Typical value
§ – At T > 25°C

10

Note: Given for one cycle of sinewave at 60 H_z (or 50 H_z for non-U.S. types) unless otherwise indicated.
* – Surge duration less than one cycle
† – Repetitive
Δ – Applies over entire operating temp range
§ – At T > 25°C

• See 'Symbols and Codes Common To More Than One Section' on front of first card

5. TRIODES, POWER, MISCELLANEOUS

IN ORDER OF(1)USE CODE(2)MAX.REP.OFF-ST.VOLT (3)MAX.STATIC ON-ST.CUR.(4)@TEMP(5)TYPE No.

LINE No.	TYPE No.	1 USE CODE	2 MAX.REP OFF-STATE VOLT. VDRM (V)	3 MAX STATIC ON-STATE CURRENT IT (A)	4 @T (°C)	MAXIMUM GATE FIRING CHARACTER. IGT (A)	VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST CURRENT ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYP SW. TIME Tgt (s)	SURGE CUR-RENT ITSM (A)	GENERAL DESCRIPTION	OPER TEMP RNGE CODE - +	LEAD CODE	DRAWING No.
•		1	2	3	(De-rate Temp)	4		•	5	(Ref Temp)	6	7	8	9	10	•	•	•

1

GTO – Gate Turnoff Device
NGT – N-Gate Triode
RCT – Reverse-Conducting Triode
LAS – Light-Activated Switch

2

* – V_{AG}: Anode-to-gate voltage
△ – V_D: dc blocking voltage
☑ – At $V_{GT} \leq 0$
∅ – With R_{GK} in circuit

3

△ – $I_{T(RMS)}$: rms value
§ – $I_{T(AV)}$: Avg value over 180° conduction angle

4

Note: Values are negative for N-Gate devices
† – Typical value
§ – At T > 25°C
$ – At T < 25°C

5

♦ – At V < V_{DRM}
∅ – One cycle avg

6

† – Typical value
§ – At T > 25°C
$ – At T < 25°C
☑ – Pulsed

7

† – Pulsed

8

☑ – Max value
§ – At T > 25°C

9

Note: Given for one cycle of sinewave at 60 H_z (or 50 H_z for non-U.S. types) unless otherwise indicated.

A – Pulse; Width < 1.0 us
B – Pulse; Width 1.0 us to 10 us
C – Pulse; Width 10 us to 100 us
D – Pulse; Width 0.1 ms to 1.0 ms
E – Pulse; Width > 1.0 ms
△ – Applies over entire operating temp range
§ – At T > 25°C

10

Note: For abbreviations, see Glossary on back of last card

7. MULTI-GATE DEVICES

IN ORDER OF(1)USE CODE(2)MAX.REP.OFF-ST.VOLT (3)MAX.STATIC ON-ST.CUR.(4)@TEMP(5)TYPE No.

LINE No.	TYPE No.	1 USE CODE	2 MAX.REP OFF-STATE VOLT. VDRM (V)	REP. PEAK REV.V VRRM (V)	3 MAX.STATIC ON-STATE CURRENT IT (A)	4 @T (°C)	MAXIMUM GATE FIRING CHARACTERISTICS P-GATE IGT (A)	P-GATE VGT (V)	N-GATE ICT (A)	N-GATE VCT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYP. SW. TIME Tgt (s)	SURGE CUR-RENT ITSM (A)	OPER TEMP RNGE CODE - +	LEAD CODE	DRAWING No.
•		1	2	3	4 (De-rate Temp)		5				•	6	(Ref Temp)	7	8	9	10	•	•	•

1

SCS – Silicon Controlled Switch (Four-Terminal Switch)

2

* – V_{AG}: Anode-to-gate voltage
△ – V_D: dc blocking voltage
☑ – At $V_{GT} \leq 0$
∅ – With R_{GK} in circuit

3

△ – V_D: dc blocking voltage
$ – V_{DSM}: Non-repetitive working voltage

4

△ – $I_{T(RMS)}$: rms value
§ – $I_{T(AV)}$: Avg over 180° conduction angle

5

Note: Values shown are negative for N-Gate characteristics
† – Typical value
△ – Min value
§ – At T > 25°C
$ – At T < 25°C

6

♦ – Specified at V < V_{DRM}
∅ – One cycle avg

7

† – Typical value
§ – At T > 25°C
$ – At T < 25°C

8

† – Pulsed

9

☑ – Max value
§ – At T > 25°C

10

Note: Given for one cycle of sinewave at 60 H_z (or 50 H_z for non-U.S. types) unless otherwise indicated.

* – Surge duration more than one cycle
† – Repetitive
△ – Applies over entire operating temp range
§ – At T > 25°C

• See 'Symbols and Codes Common To More Than One Section' on front of first card

1. TYPE No. CROSS INDEX

IN TYPE NUMBER SEQUENCE

TYPE No.	MFRS	Pg&Line
1B15CL05	TIIB	18 - 73
1B15CL10	TIIB	22 - 20
1B15CL20	TIIB	27 - 12
1B15CL30	TIIB	31 - 87
1B15CL40	TIIB	35 - 97
1B40CL05	TIIB	18 - 93
1B40CL10	TIIB	22 - 45
1B40CL20	TIIB	27 - 39
1B40CL30	TIIB	31 -105
1B40CL40	TIIB	36 - 7
JAN1N4205	MIL	50 -106
JAN1N4206	MIL	52 - 54
1S600	TIIB	none
Repl.by 2N1600 Obs.		
1S601	TIIB	none
Repl.by 2N1601 Obs.		
1S602	TIIB	none
Repl.by 2N1602 Obs.		
1S603	TIIB	none
Repl.by 2N1603 Obs.		
1S604	TIIB	none
Repl.by 2N1604 Obs.		
1S610	TIIB	none
Repl.by 2N1595 Cur.		
1S611	TIIB	none
Repl.by 2N1596 Cur.		
1S612	TIIB	none
Repl.by 2N1597 Cur.		
1S613	TIIB	none
Repl.by 2N1598 Cur.		
1S614	TIIB	none
Repl.by 2N1599 Cur.		
1S620	TIIB	none
Repl.by TI40A0 Obs.		
1S621	TIIB	none
Repl.by TI40A1 Obs.		
1S622	TIIB	none
Repl.by TI40A2 Obs.		
1S623	TIIB	none
Repl.by TI40A3 Obs.		
1S624	TIIB	none
Repl.by TI40A4 Obs.		
1S630	TIIB	none
Repl.by TI145A0 Cur.		
1S631	TIIB	none
Repl.by TI145A1 Cur.		
1S632	TIIB	none
Repl.by TI145A2 Cur.		
1S633	TIIB	none
Repl.by TI145A3 Cur.		
1S634	TIIB	none
Repl.by TI145A4 Cur.		
JAN2N684	GESY	25 - 96
INR	NAE	
2N687-300R	TAGS	33 - 35
2N1605	TII	39 - 89
2N1606	TII	42 - 79
2N1765	WEC	35 - 75
JAN2N1765	MIL	35 - 76
2N1776B	GESY	32 - 5
	TII	
2N1778A	NAE	40 - 7
JAN2N1910W	GESY	none
INR	WESY	
Repl.by JAN2N1910 Cur.		
JAN2N1911W	GESY	none
INR	WESY	
Repl.by JAN2N1911 Cur.		
JAN2N1913W	GESY	none
INR	WESY	
Repl.by JAN2N1913 Cur.		
2N1914B	GESY	31 - 16
JAN2N1915W	GESY	none
INR	WESY	
Repl.by JAN2N1915 Cur.		
JAN2N1916W	GESY	none
INR	WESY	
Repl.by JAN2N1916 Cur.		
JAN2N2031W	GESY	none
INR	WESY	
Repl.by JAN2N2031 Cur.		
2N4319	△♦FSC	36 - 68
2N5806	△TII	59 - 67
2N5807	△TII	60 - 29
2N5808	△TII	60 - 56
2N5809	△TII	60 - 69
2SF13	NECJ	25 - 57
2SF15	NECJ	30 - 85
2SF21	NECJ	19 - 47
2SF23	NECJ	25 - 71
2SF25	NECJ	30 - 96
2SF31A	NECJ	19 - 89
2SF32	NECJ	23 - 58
2SF33	NECJ	25 - 86
2SF33A	NECJ	25 - 93
2SF34	NECJ	28 - 55
2SF35	NECJ	30-107
2SF35A	NECJ	31 - 3
2SF36	NECJ	33 - 9
2SF38	NECJ	37 - 28
2SF41	TOSJ	20 - 44
2SF42	TOSJ	24 - 41
2SF43	TOSJ	26 - 16
2SF44	TOSJ	29 - 71
2SF45	TOSJ	31 - 39
2SF46	TOSJ	34 - 17
2SF47	TOSJ	38 - 58
2SF48	TOSJ	20 - 20
2SF49	TOSJ	24 - 15
2SF50	TOSJ	25 -108
2SF51	TOSJ	29 - 24
2SF52	TOSJ	31 - 19
2SF53	TOSJ	33 - 93
2SF54	TOSJ	38 - 10
2SF55	TOSJ	none
Repl.by SF16Z11 Obs.		
2SF56	TOSJ	none
Repl.by SF16A11 Obs.		
2SF57	TOSJ	none
Repl.by SF16B11 Obs.		
2SF58	TOSJ	none
Repl.by SF16C11 Obs.		
2SF59	TOSJ	none
Repl.by SF16D11 Obs.		
2SF60	TOSJ	none
Repl.by SF16E11 Obs.		
2SF61	TOSJ	none
Repl.by SF16F11 Obs.		
2SF62	TOSJ	none
Repl.by SF16G11 Obs.		
2SF63	TOSJ	none
Repl.by SF10Z11 Obs.		
2SF64	TOSJ	none
Repl.by SF10A11 Obs.		
2SF65	TOSJ	none
Repl.by SF10B11 Obs.		
2SF66	TOSJ	none
Repl.by SF10C11 Obs.		
2SF67	TOSJ	none
Repl.by SF10D11 Obs.		
2SF68	TOSJ	none
Repl.by SF10E11 Cur.		
2SF69	TOSJ	none
Repl.by SF10F11 Obs.		
2SF70	TOSJ	none
Repl.by SF10G11 Obs.		
2SF71	SHEJ	17 - 63
2SF72	SHEJ	19 - 56
2SF73	SHEJ	23 - 32
2SF74	SHEJ	25 - 76
2SF75	SHEJ	28 - 28
2SF76	SHEJ	32 - 92
2SF77	SHEJ	36-110
2SF103	NECJ	25 - 17
2SF105	NECJ	30 - 59
2SF111	NECJ	20 - 13
2SF113	NECJ	25-103
2SF115	NECJ	31 - 12
2SF121	NECJ	20 - 23
2SF123	NECJ	26 - 1
2SF125	NECJ	31 - 22
2SF207	NECJ	46 - 39
2SF210	NECJ	40 - 57
2SF211	NECJ	43 - 50
2SF212	NECJ	46 - 56
2SF212A	NECJ	46 - 67
2SF215	INRJ	none
Repl.by 10RC50 Obs.		
2SF216	INRJ	43 - 36
2SF217	INRJ	40 - 88
2SF218	INRJ	43 - 82
2SF219	INRJ	44 - 74
2SF220	INRJ	45 - 24
2SF229	♦MATJ	25 - 4
2SF230	INRJ	none
Repl.by 10RC2 Obs.		
2SF231	INRJ	none
Repl.by 10RC5 Obs.		
2SF232	INRJ	none
Repl.by 10RC10 Obs.		
2SF233	INRJ	none
Repl.by 10RC15 Obs.		
2SF234	INRJ	none
Repl.by 10RC20 Obs.		
2SF235	INRJ	none
Repl.by 10RC25 Obs.		
2SF236	INR	none
	INRJ	
Repl.by 10RC30 Obs.		
2SF237	INRJ	none
2SF239	INRJ	19 - 97
2SF240	INRJ	23 - 84
2SF241	INRJ	25 - 94
2SF242	INRJ	28 - 81
2SF243	INRJ	31 - 4
2SF244	INRJ	33 - 33
2SF245	INRJ	37 - 60
2SF261	MITJ	18-103
2SF261A	MITJ	18-104
2SF262	MITJ	22 - 59
2SF262A	MITJ	22 - 60
2SF263	MITJ	25 - 53
2SF263A	MITJ	25 - 54
2SF264	MITJ	27 - 55
2SF264A	MITJ	27 - 56
2SF265	MITJ	30 - 81
2SF265A	MITJ	30 - 82
2SF266	MITJ	32 - 9
2SF266A	MITJ	32 - 10
2SF267	MITJ	35 - 10
2SF267A	MITJ	35 - 11
2SF268	MITJ	36 - 23
2SF268A	MITJ	36 - 24
2SF269	MITJ	39 - 93
2SF269A	MITJ	39 - 94
2SF271	MITJ	19 - 37
2SF271A	MITJ	19 - 38
2SF272	MITJ	23 - 9
2SF272A	MITJ	23 - 10
2SF273	MITJ	25 - 69
2SF273A	MITJ	25 - 70
2SF274	MITJ	28 - 6
2SF274A	MITJ	28 - 7
2SF275	MITJ	30 - 94
2SF275A	MITJ	30 - 95
2SF276	MITJ	32 - 65
2SF276A	MITJ	32 - 66
2SF277	MITJ	35 - 17
2SF277A	MITJ	35 - 18
2SF278	MITJ	36 - 84
2SF278A	MITJ	36 - 85
2SF279	MITJ	40 - 16
2SF279A	MITJ	40 - 17
2SF281	MITJ	19 - 49
2SF281A	MITJ	19 - 50
2SF282	MITJ	23 - 25
2SF282A	MITJ	23 - 26
2SF283	MITJ	25 - 73
2SF283A	MITJ	25 - 74
2SF284	MITJ	28 - 21
2SF284A	MITJ	28 - 22
2SF285	MITJ	30 - 98
2SF285A	MITJ	30 - 99
2SF286	MITJ	32 - 83
2SF286A	MITJ	32 - 84
2SF287	MITJ	35 - 20
2SF287A	MITJ	35 - 21
2SF288	MITJ	36-101
2SF288A	MITJ	36-102
2SF289	MITJ	40 - 33
2SF289A	MITJ	40 - 34
2SF291	MITJ	19 - 80
2SF291A	MITJ	19 - 81
2SF292	MITJ	23 - 66
2SF292A	MITJ	23 - 67
2SF293	MITJ	25 - 89
2SF293A	MITJ	25 - 90
2SF294	MITJ	28 - 63
2SF294A	MITJ	28 - 64
2SF295	MITJ	30-110
2SF295A	MITJ	31 - 1
2SF296	MITJ	33 - 17
2SF296A	MITJ	33 - 18
2SF297	MITJ	35 - 25
2SF297A	MITJ	35 - 26
2SF298	MITJ	37 - 38
2SF298A	MITJ	37 - 39
2SF299	MITJ	40 - 69
2SF299A	MITJ	40 - 70
2SF301	MITJ	20 - 28
2SF302	MITJ	24 - 22
2SF303	MITJ	26 - 4
2SF304	MITJ	29 - 39
2SF305	MITJ	31 - 29
2SF306	MITJ	33 - 99
2SF307	MITJ	35 - 35
2SF308	MITJ	38 - 24
2SF309	MITJ	41 - 48
2SF316	NECJ	45 - 11
2SF321	TOSJ	none
Repl.by SF5Z11 Obs.		
2SF321A	TOSJ	17 - 54
2SF322	TOSJ	none
Repl.by SF5A11 Obs.		
2SF322A	TOSJ	19 - 29
2SF323	TOSJ	none
Repl.by SF5B11 Obs.		
2SF323A	TOSJ	22-107
2SF324	TOSJ	none
Repl.by SF5C11 Obs.		
2SF324A	TOSJ	25 - 63
2SF325	TOSJ	none
Repl.by SF5D11 Obs.		
2SF325A	TOSJ	27-103
2SF326	TOSJ	none
Repl.by SF5E11 Obs.		
2SF326A	TOSJ	30 - 91
2SF327	TOSJ	none
Repl.by SF5F11 Obs.		
2SF327A	TOSJ	32 - 52
2SF328	TOSJ	none
Repl.by SF5G11 Obs.		
2SF328A	TOSJ	36 - 71
2SF329	TOSJ	none
Repl.by SF5H11 Obs.		
2SF329A	TOSJ	40 - 12
2SF330	TOSJ	none
Repl.by SF5J11 Obs.		
2SF330A	TOSJ	42-106
2SF331	TOSJ	17 - 94
2SF332	TOSJ	20 - 57
2SF333	TOSJ	24 - 57
2SF334	TOSJ	26 - 24
2SF335	TOSJ	29 - 95
2SF336	TOSJ	31 - 46
2SF337	TOSJ	34 - 37
2SF338	TOSJ	38 - 82
2SF339	TOSJ	41 - 94
2SF340	TOSJ	45 - 26
2SF352	INRJ	20 - 32
2SF353	INRJ	24 - 27
2SF354	INRJ	26 - 7
2SF355	INRJ	29 - 43
2SF356	INRJ	31 - 31
2SF357	INRJ	33-104
2SF358	INRJ	38 - 29
2SF359	INRJ	41 - 51
2SF360	INRJ	20 - 55
2SF361	INRJ	24 - 56
2SF362	INRJ	26 - 22
2SF363	INRJ	29 - 93
2SF364	INRJ	31 - 44
2SF365	INRJ	34 - 34
2SF366	INRJ	38 - 81
2SF367	INRJ	41 - 92
2SF371	MITJ	20 - 17
2SF373	MITJ	25-106
2SF374	MITJ	29 - 18
2SF375	MITJ	31 - 17
2SF376	MITJ	33 - 88
2SF377	MITJ	35 - 32
2SF378	MITJ	38 - 3
2SF379	MITJ	41 - 29
2SF401	TOSJ	none
Repl.by SF1Z11 Obs.		
2SF402	TOSJ	none
Repl.by SF1A11 Obs.		
2SF403	TOSJ	none
Repl.by SF1B11 Obs.		
2SF404	TOSJ	none
Repl.by SF1C11 Obs.		
2SF405	TOSJ	none
Repl.by SF1D11 Obs.		
2SF406	TOSJ	none
Repl.by SF1E11 Obs.		
2SF407	TOSJ	none
Repl.by SF1F11 Obs.		
2SF408	TOSJ	none
Repl.by SF1G11 Obs.		
2SF416	NECJ	44 - 56
2SF421	TOSJ	41 - 75
2SF422	TOSJ	44-104
2SF426	TOSJ	41 - 33
2SF427	TOSJ	44 - 54
2SF431	TOSJ	none
Repl.by SF16H11 Obs.		
2SF432	TOSJ	none
Repl.by SF16J11 Obs.		
2SF433	TOSJ	46 - 78
2SF434	TOSJ	none
Repl.by SF16L11 Obs.		
2SF435	TOSJ	51 - 29
2SF436	TOSJ	none
Repl.by SF10H11 Obs.		
2SF437	TOSJ	none
Repl.by SF10J11 Obs.		
2SF438	TOSJ	46 - 48
2SF439	TOSJ	none
Repl.by SF10L11 Obs.		
2SF440	TOSJ	51 - 12
2SF441	TOSJ	22 - 53
2SF442	TOSJ	27 - 49
2SF443	TOSJ	39 - 19
2SF448	MITJ	42 - 82
2SF448A	MITJ	42 - 83
2SF449	MITJ	48 - 56
2SF450	MITJ	52 - 55
2SF451	MITJ	42-110
2SF451A	MITJ	43 - 1
2SF452	MITJ	48 - 92
2SF453	MITJ	52 - 64
2SF454	MITJ	43 - 20
2SF454A	MITJ	43 - 21
2SF455	MITJ	48-100
2SF456	MITJ	52 - 70
2SF457	MITJ	43 - 59
2SF457A	MITJ	43 - 60
2SF458	MITJ	49 - 10
2SF459	MITJ	52 - 80
2SF460	MITJ	23 - 64
2SF461	MITJ	28 - 61
2SF462	MITJ	33 - 15
2SF463	MITJ	37 - 36
2SF464	MITJ	40 - 67
2SF478	TOSJ	29 - 97
2SF479	TOSJ	31 - 48
2SF480	TOSJ	34 - 43
2SF481	TOSJ	none
Repl.by SF150G11 Cur.		
2SF482	TOSJ	41-100
2SF483	TOSJ	none
Repl.by SF150J11 Cur.		
2SF484	TOSJ	47 - 71
2SF485	TOSJ	none
Repl.by SF150L11 Cur.		
2SF486	TOSJ	51-102
2SF487	TOSJ	none
Repl.by SF150N11 Cur.		
2SF490	TOSJ	none
Repl.by SF150R11 Cur.		
2SF491	TOSJ	30 - 14
2SF492	TOSJ	31 - 53
2SF493	TOSJ	34 - 74
2SF494	TOSJ	39 - 2
2SF495	TOSJ	42 - 18
2SF496	TOSJ	45 - 68
2SF497	TOSJ	47 - 93
2SF511	TOSJ	none
Repl.by SF1Z11A Obs.		
2SF512	TOSJ	none
Repl.by SF1A11A Obs.		
2SF513	TOSJ	none
Repl.by SF1B11A Cur.		
2SF514	TOSJ	none
Repl.by SF1C11A Obs.		
2SF515	TOSJ	none
Repl.by SF1D11A Cur.		
2SF516	TOSJ	none
Repl.by SF1E11A Obs.		
2SF517	TOSJ	none
Repl.by SF1F11A Cur.		
2SF518	TOSJ	none
Repl.by SF1G11A Cur.		
2SF605	TOSJ	none
Repl.by SF150U11 Cur.		
2SF660	NECJ	18 - 87
2SF661	NECJ	22 - 35
2SF662	NECJ	27 - 29
2SF664	NECJ	35-110
2SF665	NECJ	18 - 88
2SF666	NECJ	22 - 36
2SF667	NECJ	27 - 30
2SF668	NECJ	36 - 1
2SF711	NECJ	23 - 22
2SF713	NECJ	32 - 80
2SF714	NECJ	36 - 98
2SF716	NECJ	43 - 17
2SF721	NECJ	23 - 77
2SF722	NECJ	28 - 74
2SF724	NECJ	37 - 49
2SF725	NECJ	40 - 77
2SF726	NECJ	43 - 71
2SF743	TOSJ	none
Repl.by SF300G11 Cur.		
2SF744	TOSJ	none
Repl.by SF300J11 Cur.		
2SF745	TOSJ	none
Repl.by SF300L11 Cur.		
2SF746	TOSJ	none
Repl.by SF300N11 Cur.		
2SF747	TOSJ	none
Repl.by SF300R11 Cur.		
2SF748	TOSJ	none
Repl.by SF300U11 Cur.		
2SF812	TOSJ	29 - 72
2SF813	TOSJ	none
Repl.by SF80G11 Cur.		
2SF814	TOSJ	none
Repl.by SF80J11 Cur.		
2SF815	TOSJ	none
Repl.by SF80L11 Cur.		
2SF816	TOSJ	none
Repl.by SF80N11 Cur.		
2SF817	TOSJ	none
Repl.by SF80R11 Cur.		
2SF861	TOSJ	57 - 81
2SF862	TOSJ	58 - 17
2SF863	TOSJ	58 - 30
2SF875	TOSJ	none
Repl.by SF50D11 Cur.		
2SF876	TOSJ	none
Repl.by SF50G11 Cur.		
2SF877	TOSJ	none
Repl.by SF50J11 Cur.		
2SF940	♦MATJ	27 - 32
2SF1110	MITJ	18 - 51
2SF1111	MITJ	21 - 82
2SF1112	MITJ	26 - 78
2SF1113	MITJ	31 - 66
2SF1114	MITJ	35 - 73
2SF1115	NECJ	19 - 2
2SF1116	NECJ	22 - 76
2SF1117	NECJ	27 - 72
2SF1118	NECJ	36 - 40
2SF1119	NECJ	39-103
2SF1141	MITJ	24 - 46
2SM11	TOSJ	59 - 8
2SM12	TOSJ	59 - 29
2SM13	TOSJ	60 - 46
2SM20	TOSJ	59 - 17
2SM21	TOSJ	59 - 59
2SM22	TOSJ	60 - 47
2SM41	TOSJ	none
Repl.by SM80B11 Obs.		
2SM42	TOSJ	none
Repl.by SM80D11 Obs.		
2SM43	TOSJ	none
Repl.by SM80G11 Obs.		
2SM67	MITJ	59 - 14
2SM68	MITJ	59 - 54
2SM69	MITJ	59 - 89
2SM70	MITJ	60 - 17
2SM71	MITJ	59 - 15
2SM72	MITJ	59 - 55
2SM73	MITJ	59 - 90
2SM74	MITJ	60 - 18
2WDCR7K603B35		45 - 86
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2WDCR7K703B35		47-108
	♦AEIL	
2WDCR7K803B35		50 - 80
	♦AEIL	
2WDCR7K903B35		52 - 31
	♦AEIL	
2WDCR7K1003B35		53-103
	♦AEIL	
2WDCR7K1103B35		54 - 68
	♦AEIL	
2WDCR7K1103B4		53-105
	AEIL	
2WDCR7K1203B35		55 - 70
	♦AEIL	
2WDCR7K1203B4		54 - 1
	AEIL	
2WDCR7K1303B35		56 - 45
	♦AEIL	
2WDCR7K1303B4		54 - 72
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2WDCR152-1003B		53 - 99
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2WDCR152-1203B		55 - 67
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♦-Copy of mfr's data sheet may be ordered from D.A.T.A.

Cur-In current D.A.T.A.BOOK

Obs-In this book

△-Registered with JEDEC by this manufacturer

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6RW56GC	GESY	35 - 37
6RW56HC	GESY	38 - 83
6RW56KC	GESY	41 - 95
6RW59PY	GESY	none
Repl.by C280S	Cur.	
6RW59RY	GESY	none
Repl.by C280N	Cur.	
6RW59SY	GESY	none
Repl.by C280T	Cur.	
6RW59TY	GESY	none
Repl.by C280P	Cur.	
6RW59UY	GESY	none
Repl.by C280PA	Cur.	
6RW59VY	GESY	none
Repl.by C280PB	Cur.	
6RW59WY	GESY	none
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6RW71AY	GESY	20 - 75
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6RW71H	GESY	39 - 3
6RW71HY	GESY	39 - 4
6RW71KY	GESY	42 - 20
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10TC10B	COGF	24 - 26
10TC15B	COGF	26 - 6
10TC20B	COGF	29 - 42
10TC30B	COGF	33-101
10TC40B	COGF	38 - 27
10TC50B	COGF	41 - 50
10TC60B	COGF	44 - 69
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13A565	GESY	64 - 2
13D1	GESY	15 - 4
13E1	GESY	15 - 5
13T4	MISI	25 - 35
	♦THCF	
15T4	MISI	30 - 68
	♦THCF	
16RC2	INR	none
INRI	INRJ	
Repl.by 2N681	Cur.	
16RC5	INR	none
	INRI	
Repl.by 2N682	Cur.	
16RC10	INR	none
INRB	INRI	
	INRJ	
Repl.by 2N683	Cur.	
16RC15	INR	none
INRB	INRI	
	INRJ	
Repl.by 2N684	Cur.	
16RC20	INR	none
INRB	INRI	
	INRJ	
Repl.by 2N685	Cur.	
16RC25	INR	none
INRB	INRI	
	INRJ	
Repl.by 2N686	Cur.	
16RC30	INR	none
INRB	INRI	
	INRJ	
Repl.by 2N687	Cur.	
16RC60	INR	43 - 88
INRB	INRI	
16RC70	INR	46 - 83
INRB	INRI	
16RC80	INR	49 - 30
INRB	INRI	
16RC90	INR	51 - 40
INRB	INRI	
	INRJ	
16RC100	INR	52 - 97
INRB	INRI	
	INRJ	
16RCF70A	INR	46 - 79
INRB	INRI	
	INRJ	
16RCF80A	INR	49 - 26
INRB	INRI	
	INRJ	
20TC025	COGF	17 - 93
22RC70	INR	46 - 99
INRB	INRI	
	INRJ	
23T1	WESB	none
Repl.by 23TB1	Cur.	
23T2	WESB	none
Repl.by 23TB2	Cur.	
23T3	WESB	none
Repl.by 23TB3	Cur.	
23T4	WESB	none
Repl.by 23TB4	Cur.	
23T5	WESB	none
Repl.by 23TB5	Cur.	
23T6	WESB	none
Repl.by 23TB6	Cur.	
23T7	WESB	none
Repl.by 23TB7	Cur.	
23T8	WESB	none
Repl.by 23TB8	Cur.	
23T9	WESB	none
Repl.by 23TB9	Cur.	
23T10	WESB	none
Repl.by 23TB10	Cur.	
23T11	WESB	none
Repl.by 23TB11	Cur.	
23T12	WESB	none
Repl.by 23TB12	Cur.	
24T1	WESB	none
Repl.by 24TB1	Cur.	
24T2	WESB	none
Repl.by 24TB2	Cur.	
24T3	WESB	none
Repl.by 24TB3	Cur.	
24T4	WESB	none
Repl.by 24TB4	Cur.	
24T5	WESB	none
Repl.by 24TB5	Cur.	
24T6	WESB	none
Repl.by 24TB6	Cur.	
24T7	WESB	none
Repl.by 24TB7	Cur.	
24T8	WESB	none
Repl.by 24TB8	Cur.	
24T9	WESB	none
Repl.by 24TB9	Cur.	
24T10	WESB	none
Repl.by 24TB10	Cur.	
24T11	WESB	none
Repl.by 24TB11	Cur.	
24T12	WESB	none
Repl.by 24TB12	Cur.	
25T1	WESB	none
Repl.by 25TB1	Cur.	
25T2	WESB	none
Repl.by 25TB2	Cur.	
25T3	WESB	none
Repl.by 25TB3	Cur.	
25T4	WESB	none
Repl.by 25TB4	Cur.	
25T5	WESB	none
Repl.by 25TB5	Cur.	
25T6	WESB	none
Repl.by 25TB6	Cur.	
25T7	WESB	none
Repl.by 25TB7	Cur.	
25T8	WESB	none
Repl.by 25TB8	Cur.	
25T9	WESB	none
Repl.by 25TB9	Cur.	
25T10	WESB	none
Repl.by 25TB10	Cur.	
25T11	WESB	none
Repl.by 25TB11	Cur.	
25T12	WESB	none
Repl.by 25TB12	Cur.	
26T1	WESB	none
Repl.by 26TB1	Cur.	
26T2	WESB	none
Repl.by 26TB2	Cur.	
26T3	WESB	none
Repl.by 26TB3	Cur.	
26T4	WESB	none
Repl.by 26TB4	Cur.	
26T5	WESB	none
Repl.by 26TB5	Cur.	
26T6	WESB	none
Repl.by 26TB6	Cur.	
26T7	WESB	none
Repl.by 26TB7	Cur.	
26T8	WESB	none
Repl.by 26TB8	Cur.	
26T9	WESB	none
Repl.by 26TB9	Cur.	
26T10	WESB	none
Repl.by 26TB10	Cur.	
26T11	WESB	none
Repl.by 26TB11	Cur.	
26T12	WESB	none
Repl.by 26TB12	Cur.	
27T1	♦WESB	none
Repl.by 27TB1	Cur.	
27T2	♦WESB	none
Repl.by 27TB2	Cur.	
27T3	♦WESB	none
Repl.by 27TB3	Cur.	
27T4	♦WESB	none
Repl.by 27TB4	Cur.	
27T5	♦WESB	none
Repl.by 27TB5	Cur.	
27T6	♦WESB	none
Repl.by 27TB6	Cur.	
27T7	♦WESB	none
Repl.by 27TB7	Cur.	
27T8	♦WESB	none
Repl.by 27TB8	Cur.	
27T9	♦WESB	none
Repl.by 27TB9	Cur.	
27T10	♦WESB	none
Repl.by 27TB10	Cur.	
27T11	♦WESB	none
Repl.by 27TB11	Cur.	
27T12	♦WESB	none
Repl.by 27TB12	Cur.	
28T1	♦WESB	none
Repl.by 28TB1	Cur.	
28T2	♦WESB	none
Repl.by 28TB2	Cur.	
28T3	♦WESB	none
Repl.by 28TB3	Cur.	
28T4	♦WESB	none
Repl.by 28TB4	Cur.	
28T5	♦WESB	none
Repl.by 28TB5	Cur.	
28T6	♦WESB	none
Repl.by 28TB6	Cur.	
28T7	♦WESB	none
Repl.by 28TB7	Cur.	
28T8	♦WESB	none
Repl.by 28TB8	Cur.	
28T9	♦WESB	none
Repl.by 28TB9	Cur.	
28T10	♦WESB	none
Repl.by 28TB10	Cur.	
28T11	♦WESB	none
Repl.by 28TB11	Cur.	
28T12	♦WESB	none
Repl.by 28TB12	Cur.	
29T1	♦WESB	none
Repl.by 29TB1	Cur.	
29T2	♦WESB	none
Repl.by 29TB2	Cur.	
29T3	♦WESB	none
Repl.by 29TB3	Cur.	
29T4	♦WESB	none
Repl.by 29TB4	Cur.	
29T5	♦WESB	none
Repl.by 29TB5	Cur.	
29T6	♦WESB	none
Repl.by 29TB6	Cur.	
29T7	♦WESB	none
Repl.by 29TB7	Cur.	
29T8	♦WESB	none
Repl.by 29TB8	Cur.	
29T9	♦WESB	none
Repl.by 29TB9	Cur.	
29T10	♦WESB	none
Repl.by 29TB10	Cur.	
29T11	♦WESB	none
Repl.by 29TB11	Cur.	
29T12	♦WESB	none
Repl.by 29TB12	Cur.	
33T1	WESB	21 - 58
33T2	WESB	26 - 46
33T3	WESB	31 - 13
33T4	WESB	34-104
33T5	WESB	37-100
33T6	WESB	41 - 12
33T7	WESB	44 - 21
33T8	WESB	45-102
33T9	WESB	48 - 29
33T10	WESB	49 - 58
33T11	WESB	51 - 50
33T12	WESB	52 - 35
35RE60	INR	44 - 23
INRB	INRI	
35RE90	INR	51 - 53
INRB	INRI	
35RE100	INR	53 - 1
INRB	INRI	
35RE110	INR	54 - 17
INRB	INRI	
35RE120	INR	54 - 93
INRB	INRI	
35RE130	INR	55 - 88
INRB	INRI	
35T1	WESB	21 - 56
35T2	WESB	26 - 44
35T3	WESB	31 - 10
35T4	WESB	34-101
35T5	WESB	37 - 83
35T6	WESB	40-109
35T7	WESB	43-108
35T8	WESB	45-101
35T9	WESB	48 - 28
35T10	WESB	49 - 45
35T11	WESB	51 - 41
35T12	WESB	52 - 34
36RE100M	INR	52-105
INRB	INRI	
36RE130M	INR	55 - 86
INRB	INRI	
36T1	♦WESB	none
Repl.by 36TB1	Cur.	
36T2	♦WESB	none
Repl.by 36TB2	Cur.	
36T3	♦WESB	none
Repl.by 36TB3	Cur.	
36T4	♦WESB	none
Repl.by 36TB4	Cur.	
36T5	♦WESB	none
Repl.by 36TB5	Cur.	
36T6	♦WESB	none
Repl.by 36TB6	Cur.	
36T7	♦WESB	none
Repl.by 36TB7	Cur.	
36T8	♦WESB	none
Repl.by 36TB8	Cur.	
36T9	♦WESB	none
Repl.by 36TB9	Cur.	
36T10	♦WESB	none
Repl.by 36TB10	Cur.	
36T11	♦WESB	none
Repl.by 36TB11	Cur.	

♦-Copy of mfr's data sheet may be ordered from D.A.T.A.

Cur-In current D.A.T.A.BOOK Obs-In this book

△-Registered with JEDEC by this manufacturer

1. TYPE No. CROSS INDEX

IN TYPE NUMBER SEQUENCE

TYPE No.	MFRS	Pg&Line
36T12	♦WESB	none
Repl.by 36TB12 Cur.		
37RE100M	INR	52-106
INRB	INRI	
37RE130M	INR	55 - 87
INRB	INRI	
37T1	♦WESB	none
Repl.by 37TB1 Cur.		
37T2	♦WESB	none
Repl.by 37TB2 Cur.		
37T3	♦WESB	none
Repl.by 37TB3 Cur.		
37T4	♦WESB	none
Repl.by 37TB4 Cur.		
37T5	♦WESB	none
Repl.by 37TB5 Cur.		
37T6	♦WESB	none
Repl.by 37TB6 Cur.		
37T7	♦WESB	none
Repl.by 36TB7 Cur.		
37T8	♦WESB	none
Repl.by 37TB8 Cur.		
37T9	♦WESB	none
Repl.by 37TB9 Cur.		
37T10	♦WESB	none
Repl.by 37TB10 Cur.		
37T11	♦WESB	none
Repl.by 37TB11 Cur.		
37T12	♦WESB	none
Repl.by 37TB12 Cur.		
38T1	♦WESB	none
Repl.by 38TB1 Cur.		
38T2	♦WESB	none
Repl.by 38TB2 Cur.		
38T3	♦WESB	none
Repl.by 38TB3 Cur.		
38T4	♦WESB	none
Repl.by 38TB4 Cur.		
38T5	♦WESB	none
Repl.by 38TB5 Cur.		
38T6	♦WESB	none
Repl.by 38TB6 Cur.		
38T7	♦WESB	none
Repl.by 38TB7 Cur.		
38T8	♦WESB	none
Repl.by 38TB8 Cur.		
38T9	♦WESB	none
Repl.by 38TB9 Cur.		
38T10	♦WESB	none
Repl.by 38TB10 Cur.		
38T11	♦WESB	none
Repl.by 38TB11 Cur.		
38T12	♦WESB	none
Repl.by 38TB12 Cur.		
40RCS15	INR	25-105
INRB	INRI	
	INRJ	
40RCS25	INR	31 - 15
INRB	INRI	
	INRJ	
42T1	♦HINI	none
	WESB	
Repl.by 42TB1 Cur.		
42T2	♦HINI	none
	WESB	
Repl.by 42TB2 Cur.		
42T3	♦HINI	none
	WESB	
Repl.by 42TB3 Cur.		
42T4	♦HINI	none
	WESB	
Repl.by 42TB4 Cur.		
42T5	♦HINI	none
	WESB	
Repl.by 42TB5 Cur.		
42T6	♦HINI	none
	WESB	
Repl.by 42TB6 Cur.		
42T7	♦HINI	none
	WESB	
Repl.by 42TB7 Cur.		
42T8	♦HINI	none
	WESB	
Repl.by 42TB8 Cur.		
42T9	♦HINI	none
	WESB	
Repl.by 42TB9 Cur.		
42T10	♦HINI	none
	WESB	
Repl.by 42TB10 Cur.		
42T11	♦HINI	none
	WESB	
Repl.by 42TB11 Cur.		
42T12	♦HINI	none
	WESB	
Repl.by 42TB12 Cur.		
42T13	♦HINI	none
	WESB	
Repl.by 42TB13 Cur.		
42T14	♦HINI	none
	WESB	
Repl.by 42TB14 Cur.		
42T15	♦HINI	none
	WESB	
Repl.by 42TB15 Cur.		
43	PWC	15 - 96
43T1	WESB	none
Repl.by 43TB1 Cur.		
43T2	WESB	none
Repl.by 43TB2 Cur.		
43T3	WESB	none
Repl.by 43TB3 Cur.		
43T4	WESB	none
Repl.by 43TB4 Cur.		
43T5	WESB	none
Repl.by 43TB5 Cur.		
43T6	WESB	none
Repl.by 43TB6 Cur.		
43T7	WESB	none
Repl.by 43TB7 Cur.		
43T8	WESB	none
Repl.by 43TB8 Cur.		
43T9	WESB	none
Repl.by 43TB9 Cur.		
43T10	WESB	none
Repl.by 43TB10 Cur.		
44	PWC	16 - 1
46	PWC	16 - 14
56TB13	♦WESB	56 - 9
56TB14	♦WESB	56 - 80
56TB15	♦WESB	57 - 21
57TB11	♦WESB	54 - 35
57TB12	♦WESB	55 - 25
57TB13	♦WESB	56 - 12
57TB14	♦WESB	56 - 84
57TB15	♦WESB	57 - 23
58TB9	♦WESB	51 - 95
58TB10	♦WESB	53 - 58
58TB11	♦WESB	54 - 37
58TB12	♦WESB	55 - 28
61T1	WESB	none
Repl.by 61TB1 Cur.		
61T1C	WESB	25 - 1
61T2	WESB	none
Repl.by 61TB2 Cur.		
61T2C	WESB	29-108
61T3	WESB	none
Repl.by 61TB3 Cur.		
61T3C	WESB	35 - 38
61T4	WESB	34-107
61T4#	WESB	none
Repl.by 61TB4 Cur.		
61T5	WESB	none
Repl.by 61TB5 Cur.		
61T6	WESB	none
Repl.by 61TB6 Cur.		
61T7	WESB	none
Repl.by 61TB7 Cur.		
61T8	WESB	none
Repl.by 61TB8 Cur.		
61T9	WESB	none
Repl.by 61TB9 Cur.		
61T10	WESB	none
Repl.by 61TB10 Cur.		
61T11	WESB	none
Repl.by 61TB11 Cur.		
61T12	WESB	none
Repl.by 61TB12 Cur.		
61T13	WESB	none
Repl.by 61TB13 Cur.		
61T14	WESB	none
Repl.by 61TB14 Cur.		
61T15	WESB	none
Repl.by 61TB15 Cur.		
61T16	WESB	none
Repl.by 61TB16 Cur.		
61T17	WESB	none
Repl.by 61TB17 Cur.		
61T18	WESB	none
Repl.by 61TB18 Cur.		
61T19	WESB	none
Repl.by 61TB19 Cur.		
61T20	WESB	none
Repl.by 61TB20 Cur.		
61TC	WESB	20 - 66
62T1	WESB	none
Repl.by 62TB1 Cur.		
62T2	WESB	none
Repl.by 62TB2 Cur.		
62T3	WESB	none
Repl.by 62TB3 Cur.		
62T4△	WESB	none
Repl.by 62TB4 Cur.		
62T5	WESB	none
Repl.by 62TB5 Cur.		
62T6	WESB	none
Repl.by 62TB6 Cur.		
62T7	WESB	none
Repl.by 62TB7 Cur.		
62T8	WESB	none
Repl.by 62TB8 Cur.		
62T9	WESB	none
Repl.by 62TB9 Cur.		
62T10	WESB	none
Repl.by 62TB10 Cur.		
62T11	WESB	none
Repl.by 62TB11 Cur.		
62T12	WESB	none
Repl.by 62TB12 Cur.		
62T13	WESB	none
Repl.by 62TB13 Cur.		
62T14	WESB	none
Repl.by 62TB14 Cur.		
62T15	WESB	none
Repl.by 62TB15 Cur.		
62T16	WESB	none
Repl.by 62TB16 Cur.		
62T17	WESB	none
Repl.by 62TB17 Cur.		
62T18	WESB	none
Repl.by 62TB18 Cur.		
62T19	WESB	none
Repl.by 62TB19 Cur.		
62T20	WESB	none
Repl.by 62TB20 Cur.		
70RC2	INRJ	17 - 91
70RC5	INRJ	20 - 33
70RC10	INRJ	24 - 28
70RC15	INRJ	26 - 8
70RC20	INRJ	29 - 44
70RC30	INRJ	33-105
70RC40	INRJ	38 - 30
70RC50	INRJ	41 - 52
70RC50A	INR	41 - 53
	INRI	
70RC60	INRJ	44 - 75
70RC60A	INR	44 - 76
	INRI	
70RC70A	INR	47 - 23
	INRI	
70RC80A	INR	49 - 89
	INRI	
70RCF5A	INR	20 - 34
	INRI	
70RCF10A	INR	24 - 29
	INRI	
70RCF15A	INR	26 - 9
	INRI	
70RCF20A	INR	29 - 45
	INRI	
70RCF25A	INR	31 - 32
	INRI	
70RCF30A	INR	33-106
	INRI	
70RCF40A	INR	38 - 31
	INRI	
70RCF60A	INR	44 - 77
	INRI	
70RCF70A	INR	47 - 24
INRB	INRI	
	INRJ	
70RCF80A	INR	49 - 90
	INRI	
70RE60	INR	44 - 72
INRB	INRI	
	INRJ	
70RE60A	INR	44 - 73
INRB	INRI	
	INRJ	
70RE70	INR	47 - 21
INRB	INRI	
	INRJ	
70RE70A	INR	47 - 22
INRB	INRI	
	INRJ	
70RE80	INR	none
Repl.by 2N3093 Cur.		
70RE80A	INR	49 - 88
INRB	INRI	
	INRJ	
70RE90	INR	none
Repl.by 2N3094 Cur.		
70RE100	INR	none
Repl.by 2N3095 Cur.		
70RE100A	INR	53 - 23
INRB	INRI	
	INRJ	
70RE110	INR	none
Repl.by 2N3096 Cur.		
70RE110A	INR	54 - 20
INRB	INRI	
	INRJ	
70RE120	INR	none
Repl.by 2N3097 Cur.		
70RE120A	INR	55 - 4
INRB	INRI	
	INRJ	
70RE130A	INR	55-103
INRB	INRI	
	INRJ	
70REB70	INR	47 - 28
INRB	INRI	
70REB80	INR	49 - 94
INRB	INRI	
70REB90	INR	51 - 66
INRB	INRI	
70REB100	INR	53 - 29
INRB	INRI	
70REB110	INR	54 - 22
INRB	INRI	
70REB120	INR	55 - 7
INRB	INRI	
70REB130	INR	55-106
INRB	INRI	
70T1	WESB	none
Repl.by 70TB1 Cur.		
70T2	WESB	none
Repl.by 70TB2 Cur.		
70T3	WESB	none
Repl.by 70TB3 Cur.		
70T4	WESB	none
Repl.by 70TB4 Cur.		
70T5☑	WESB	none
Repl.by 70TB5 Cur.		
70T6	WESB	none
Repl.by 70TB6 Cur.		
70T7	WESB	none
Repl.by 70TB7 Cur.		
70T8	WESB	none
Repl.by 70TB8 Cur.		
70T9	WESB	none
Repl.by 70TB9 Cur.		
70T10☑	WESB	none
Repl.by 70TB10 Cur.		
70T11	WESB	none
Repl.by 70TB11 Cur.		
70T12	WESB	none
Repl.by 70TB12 Cur.		
70T13	WESB	none
Repl.by 70TB13 Cur.		
70T14	WESB	none
Repl.by 70TB14 Cur.		
70T15☑	WESB	none
Repl.by 70TB15 Cur.		
70T16	WESB	none
Repl.by 70TB16 Cur.		
70T17	WESB	none
Repl.by 70TB17 Cur.		
70T18	WESB	none
Repl.by 70TB18 Cur.		
70T19	WESB	none
Repl.by 70TB19 Cur.		
70T20☑	WESB	none
Repl.by 70TB20 Cur.		
71RCF70A	INR	47 - 25
	INRI	
71RCF80A	INR	49 - 91
	INRI	
71RE90	INR	none
INRB	INRI	
Repl.by 2N3094 Cur.		
71RE90A	INR	51 - 64
INRB	INRI	
71RE100	INR	none
INRB	INRI	
Repl.by 2N3095 Cur.		
71RE100A	INR	none
INRB	INRI	
Repl.by 2N3103 Cur.		
71RE120	INR	none
INRB	INRI	
Repl.by 2N3097 Cur.		
71RE120A	INR	none
INRB	INRI	
Repl.by 2N3105 Cur.		
71RE130	INR	none
INRB	INRI	
Repl.by 2N3098 Cur.		
71RE130A	INR	none
INRB	INRI	
Repl.by 2N3106 Cur.		
71T1	WESB	none
Repl.by 71TB1 Cur.		
71T1C	WESB	25 - 2
71T2	WESB	none
Repl.by 71TB2 Cur.		
71T2C	WESB	30 - 7
71T3	WESB	none
Repl.by 71TB3 Cur.		
71T3C	WESB	34 - 65
71T4	WESB	none
Repl.by 71TB4 Cur.		
71T5	WESB	none
Repl.by 71TB5 Cur.		
71T6	WESB	none
Repl.by 71TB6 Cur.		
71T7	WESB	none
Repl.by 71TB7 Cur.		
71T8	WESB	none
Repl.by 71TB8 Cur.		
71T9	WESB	none
Repl.by 71TB9 Cur.		
71T10	WESB	none
Repl.by 71TB10 Cur.		
71T11	WESB	none
Repl.by 71TB11 Cur.		
71T12	WESB	none
Repl.by 71TB12 Cur.		
71T13	WESB	none
Repl.by 71TB13 Cur.		
71T14	WESB	none
Repl.by 71TB14 Cur.		
71T15	WESB	none
Repl.by 71TB15 Cur.		
71T16	WESB	none
Repl.by 71TB16 Cur.		
71T17	WESB	none
Repl.by 71TB17 Cur.		
71T18	WESB	none
Repl.by 71TB18 Cur.		
71T19	WESB	none
Repl.by 71TB19 Cur.		
71T20	WESB	none
Repl.by 71TB20 Cur.		
71TC	WESB	20 - 72
72RCF70A	INR	47 - 26
	INRI	
72RCF80A	INR	49 - 92
	INRI	
72T1	WESB	21 - 62
72T2	WESB	26 - 50
72T3	WESB	31 - 51
72T4	WESB	34-108
72T6	WESB	42 - 6
72T7	WESB	45 - 48
72T8	WESB	45-103
73T1	WESB	none
Repl.by 73TB1 Cur.		
73T2	WESB	none
Repl.by 73TB2 Cur.		
73T3	WESB	none
Repl.by 73TB3 Cur.		
73T4	WESB	none
Repl.by 73TB4 Cur.		
73T5	WESB	none
Repl.by 73TB5 Cur.		
73T6	WESB	none
Repl.by 73TB6 Cur.		
73T7	WESB	none
Repl.by 73TB7 Cur.		
73T8	WESB	none
Repl.by 73TB8 Cur.		
73T9	WESB	none
Repl.by 73TB9 Cur.		
73T10	WESB	none
Repl.by 73TB10 Cur.		
73T11	WESB	none
Repl.by 73TB11 Cur.		
73T12	WESB	none
Repl.by 73TB12 Cur.		
73T13	WESB	none
Repl.by 73TB13 Cur.		
73T14	WESB	none
Repl.by 73TB14 Cur.		
73T15	WESB	none
Repl.by 73TB15 Cur.		
73T16	WESB	none
Repl.by 73TB16 Cur.		
73T17	WESB	none
Repl.by 73TB17 Cur.		
73T18	WESB	none
Repl.by 73TB18 Cur.		
73T19	WESB	none
Repl.by 73TB19 Cur.		
73T20	WESB	none
Repl.by 73TB20 Cur.		
74T1	WESB	none
Repl.by 74TB1 Cur.		
74T2	WESB	none
Repl.by 74TB2 Cur.		
74T3	WESB	none
Repl.by 74TB3 Cur.		
74T4	WESB	none
Repl.by 74TB4 Cur.		
74T5	WESB	none
Repl.by 74TB5 Cur.		
74T6	WESB	none
Repl.by 74TB6 Cur.		
74T7	WESB	none
Repl.by 74TB7 Cur.		
74T8	WESB	none
Repl.by 74TB8 Cur.		
74T9	WESB	none
Repl.by 74TB9 Cur.		
74T10	WESB	none
Repl.by 74TB10 Cur.		
74T11	WESB	none
Repl.by 74TB11 Cur.		
74T12	WESB	none
Repl.by 74TB12 Cur.		
74T13	WESB	none
Repl.by 74TB13 Cur.		
74T14	WESB	none
Repl.by 74TB14 Cur.		
74T15	WESB	none
Repl.by 74TB15 Cur.		
80T1	WESB	none
Repl.by 80TB1 Cur.		
80T2	WESB	none
Repl.by 80TB2 Cur.		
80T3	WESB	none
Repl.by 80TB3 Cur.		
80T4	WESB	none
Repl.by 80TB4 Cur.		
80T5	WESB	none
Repl.by 80TB5 Cur.		
80T6	WESB	none
Repl.by 80TB6 Cur.		
80T7	WESB	none
Repl.by 80TB7 Cur.		
80T8	WESB	none
Repl.by 80TB8 Cur.		
80T9	WESB	none
Repl.by 80TB9 Cur.		
80T10	WESB	none
Repl.by 80TB10 Cur.		
80T11	WESB	none
Repl.by 80TB11 Cur.		
80T12	WESB	none
Repl.by 80TB12 Cur.		
81T1	WESB	none
Repl.by 81TB1 Cur.		
81T2	WESB	none
Repl.by 81TB2 Cur.		
81T3	WESB	none
Repl.by 81TB3 Cur.		
81T4	WESB	none
Repl.by 81TB4 Cur.		
81T5	WESB	none
Repl.by 81TB5 Cur.		
81T6	WESB	none
Repl.by 81TB6 Cur.		
81T7	WESB	none
Repl.by 81TB7 Cur.		
81T8	WESB	none
Repl.by 81TB8 Cur.		
81T9	WESB	none
Repl.by 81TB9 Cur.		
81T10	WESB	none
Repl.by 81TB10 Cur.		
81T11	WESB	none
Repl.by 81TB11 Cur.		
81T12	WESB	none
Repl.by 81TB12 Cur.		
91T1	♦WESB	none
Repl.by 91TB1 Cur.		
91T2	♦WESB	none
Repl.by 91TB2 Cur.		
91T3	♦WESB	none
Repl.by 91TB3 Cur.		
91T4	♦WESB	none
Repl.by 91TB4 Cur.		
91T5	♦WESB	none
Repl.by 91TB5 Cur.		
91T6	♦WESB	none
Repl.by 91TB6 Cur.		
94T1	♦WESB	none
Repl.by 94TB1 Cur.		
94T2	♦WESB	none
Repl.by 94TB2 Cur.		

♦-Copy of mfr's data sheet may be ordered from D.A.T.A.

Cur-In current D.A.T.A.BOOK
△-Registered with JEDEC by this manufacturer

Obs-In this book

1. TYPE No. CROSS INDEX

IN TYPE NUMBER SEQUENCE

TYPE No.	MFRS	Pg&Line
94T3	♦WESB	none
Repl.by 94TB3 Cur.		
94T4	♦WESB	none
Repl.by 94TB4 Cur.		
94T5	♦WESB	none
Repl.by 94TB5 Cur.		
101RE60M	INR	45- 1
INRB	INRI	
101RE70M	INR	47- 52
INRB	INRI	
101RE80M	INR	50- 10
INRB	INRI	
101RE90M	INR	51- 85
INRB		
101RE100M	INR	53- 48
INRB	INRI	
101RE110M	INR	54- 30
INRB	INRI	
101RE120M	INR	55- 17
INRB	INRI	
101RE130M	INR	56- 6
INRB	INRI	
105T4	THCF	20- 26
110T4	THCF	24- 20
115T4	THCF	26- 3
120T4	THCF	29- 37
125T4	THCF	31- 24
130T4	THCF	33- 97
140T4	THCF	38- 22
150RC5	INR	20- 56
INRI	INRJ	
150RC15	INR	26- 23
INRI	INRJ	
150RC20	INR	29- 94
INRI	INRJ	
150RC25	INR	31- 45
INRB	INRI	
	INRJ	
150RC30	INR	34- 35
	INRJ	
150RC35	INR	35- 36
	INRI	
150RC50	INR	41- 93
INRI	INRJ	
150RC60	INR	45- 25
INRI	INRJ	
150RC60A	INR	45- 27
	INRI	
150RC70	INR	47- 63
	INRI	
150RC70A	INR	47- 64
	INRI	
150RC80	INR	50- 29
	INRI	
150RC80A	INR	50- 31
	INRI	
150RE80	INR	50- 30
	INRI	
150RE90	INR	51-100
	INRI	
150RE100	INR	53- 61
	INRI	
150RE110	INR	54- 40
	INRI	
150RE120	INR	55- 30
	INRI	
150RE130	INR	56- 15
	INRI	
150T4	THCF	41- 42
151RCF15A	INR	26- 26
INRB	INRI	
	INRJ	
151RCF25A	INR	31- 49
INRB	INRI	
	INRJ	
151RCF60A	INR	45- 33
INRB	INRI	
	INRJ	
151RCF70A	INR	47- 60
INRB	INRI	
	INRJ	
151RCF80A	INR	50- 25
INRB	INRI	
	INRJ	
156A	GESY	24- 31
156B	GESY	29- 47
156C	GESY	33-110
156D	GESY	38- 35
156E	GESY	41- 54
157A	GESY	24- 32
157B	GESY	29- 48
157C	GESY	34- 1
157D	GESY	38- 36
157E	GESY	41- 55
200AΔ	WESY	20- 53
200B	WESY	24- 53
200C	WESY	26- 20
200D	WESY	29- 90
200E	WESY	31- 42
200F	WESY	34- 29
200H	WESY	38- 78
201M	WESY	43- 84
201P	WESY	46- 80
201S	WESY	49- 27
201V	WESY	51- 33
201Z	WESY	52- 90
201ZB	WESY	54- 11
201ZD	WESY	54- 83
201ZF	WESY	55- 80
201ZH	WESY	56- 53
201ZK	WESY	57- 8
202M	WESY	43- 35
202P	WESY	46- 49
202S	WESY	48-107
202V	WESY	51- 14
202Z	WESY	52- 73
202ZB	WESY	54- 4
202ZD	WESY	54- 74
202ZF	WESY	55- 74
202ZH	WESY	56- 48
202ZK	WESY	57- 6
203M	WESY	43- 45
203P	WESY	46- 52
203S	WESY	49- 2
203V	WESY	51- 15
203Z	WESY	52- 76
203ZB	WESY	54- 5
203ZD	WESY	54- 76
203ZF	WESY	55- 75
203ZH	WESY	56- 49
203ZK	WESY	57- 7
204A	WESY	19- 58
204B	WESY	23- 33
204C	WESY	25- 77
204D	WESY	28- 29
204E	WESY	30-100
204F	WESY	32- 93
204H	WESY	37- 1
204K	WESY	40- 40
204M	WESY	43- 27
206A	WESY	18-101
206B	WESY	22- 55
206C	WESY	25- 51
206D	WESY	27- 51
206E	WESY	30- 79
206F	WESY	32- 6
206H	WESY	36- 20
206K	WESY	39- 91
206M	WESY	42- 81
207A	WESY	18-100
207B	WESY	22- 52
207C	WESY	25- 49
207D	WESY	27- 48
207E	WESY	30- 78
207H	WESY	36- 17
207K	WESY	39- 88
207M	WESY	42- 78
208M	WESY	42-100
209A	WESY	21- 26
209B	WESY	24- 99
209C	WESY	26- 56
209H	WESY	39- 51
209K	WESY	41- 15
209M	WESY	44- 22
209P	WESY	46-110
209S	WESY	49- 59
209V	WESY	51- 51
209Z	WESY	52-107
211A	WESY	21- 25
211B	WESY	24- 98
211C	WESY	26- 57
211D	WESY	30- 43
211E	WESY	33- 71
211F	WESY	35- 48
211H	WESY	39- 50
211K	WESY	41- 16
211M	WESY	48- 12
211P	WESY	47- 1
211S	WESY	49- 60
211V	WESY	51- 52
211Z	WESY	52-108
212A#1	WESY	20- 41
212A#2	WESY	20- 42
212B#1	WESY	24- 37
212B#2	WESY	24- 38
212C#1	WESY	26- 13
212C#2	WESY	26- 14
212D#1	WESY	29- 60
212D#2	WESY	29- 61
212E#1	WESY	31- 36
212E#2	WESY	31- 37
212F#1	WESY	34- 13
212F#2	WESY	34- 14
212H#1	WESY	38- 47
212H#2	WESY	38- 48
212M#1	WESY	44- 94
212M#2	WESY	44- 95
212P#1	WESY	47- 38
212P#2	WESY	47- 39
212S#1	WESY	49-106
212S#2	WESY	49-107
213A	WESY	20- 14
213B	WESY	24- 9
213C	WESY	25-104
213D	WESY	29- 13
213E	WESY	31- 14
213F	WESY	33- 81
213H	WESY	37-106
213K	WESY	41- 22
213M	WESY	44- 36
215T4	THCF	26- 15
218A	♦WESY	20- 51
218B	♦WESY	24- 50
218D	♦WESY	29- 85
218F	♦WESY	34- 27
218H	♦WESY	38- 71
218K	♦WESY	41- 85
218M	♦WESY	45- 12
218P	♦WESY	47- 56
218S	♦WESY	50- 19
218V	♦WESY	51- 90
218Z	♦WESY	53- 55
218ZB	♦WESY	54- 34
218ZD	♦WESY	55- 24
218ZF	WESY	56- 11
218ZH	♦WESY	56- 83
220C	CRL	26- 29
	WESY	
220T4	THCF	29- 69
221A	WESY	20- 73
221B	WESY	none
Repl.by 2N3354 Cur.		
221C	WESY	26- 32
221D	WESY	none
Repl.by 2N3355 Cur.		
221E	WESY	31- 52
221F	WESY	none
Repl.by 2N3356 Cur.		
221H	WESY	none
Repl.by 2N3357 Cur.		
221K	WESY	none
Repl.by 2N3358 Cur.		
221M	WESY	none
Repl.by 2N3359 Cur.		
221P	WESY	none
Repl.by 2N3360 Cur.		
222A	WESY	20- 71
222B	WESY	24- 74
222C	WESY	26- 31
222D	WESY	30- 6
222F	WESY	34- 63
222H	WESY	38-104
222K	WESY	42- 11
222M	WESY	45- 55
222P	WESY	47- 88
222S	WESY	50- 55
222V	WESY	52- 9
222Z	WESY	53- 77
223A	♦WESY	20- 69
223B	♦WESY	24- 72
223D	♦WESY	30- 4
223F	♦WESY	34- 60
223H	♦WESY	38-102
223K	♦WESY	42- 9
223M	♦WESY	45- 52
223P	♦WESY	47- 87
223S	♦WESY	50- 54
223U	♦WESY	52- 7
223Z	♦WESY	53- 76
223ZB	♦WESY	54- 48
223ZD	♦WESY	55- 44
225T4	THCF	31- 38
228A	♦WESY	20- 49
228B	♦WESY	24- 48
228D	♦WESY	29- 83
228F	♦WESY	34- 25
228H	♦WESY	38- 69
228K	♦WESY	41- 82
228M	♦WESY	45- 6
228P	♦WESY	47- 54
228S	♦WESY	50- 15
228V	♦WESY	51- 87
228Z	♦WESY	53- 51
228ZB	♦WESY	54- 31
228ZD	♦WESY	55- 20
228ZF	♦WESY	56- 7
228ZH	♦WESY	56- 78
228ZK	♦WESY	57- 19
229A	♦WESY	20- 65
229B	♦WESY	24- 65
229D	♦WESY	29-104
229F	♦WESY	34- 48
229H	♦WESY	38- 91
229K	♦WESY	41-104
229M	♦WESY	45- 37
229P	♦WESY	47- 75
229S	♦WESY	50- 39
229V	♦WESY	51-106
229Z	♦WESY	53- 65
229ZB	♦WESY	54- 43
229ZD	♦WESY	55- 34
229ZF	♦WESY	56- 20
229ZH	♦WESY	56- 88
229ZK	♦WESY	57- 25
230T4	THCF	34- 16
240T4	THCF	38- 56
241UA	WESY	61- 35
241UB	WESY	61- 71
241UC	WESY	61- 90
241UD	WESY	62- 2
241UF	WESY	62- 28
241UH	WESY	62- 44
241UK	WESY	62- 55
241UM	WESY	62- 63
241WA	WESY	61- 36
241WB	WESY	61- 72
241WC	WESY	61- 91
241WD	WESY	62- 3
241WF	WESY	62- 29
241WH	WESY	62- 45
241WK	WESY	62- 56
241WM	WESY	62- 64
242XB	WESY	61- 77
242XD	WESY	62- 8
242XF	WESY	62- 33
242XH	WESY	62- 49
242XK	WESY	62- 57
242XM	WESY	62- 65
242XP	WESY	62- 68
242XS	WESY	62- 71
242YB	WESY	61- 78
242YD	WESY	62- 9
242YF	WESY	62- 34
242YH	WESY	62- 50
242YK	WESY	62- 58
242YM	WESY	62- 66
242YP	WESY	62- 69
242YS	WESY	62- 72
242ZB	WESY	61- 79
242ZD	WESY	62- 10
242ZF	WESY	62- 35
242ZH	WESY	62- 51
242ZK	WESY	62- 59
(cont.)	INRB	
	INRI	
242ZP	WESY	62- 70
242ZS	WESY	62- 73
250RA50	INR	42- 12
INRB	INRI	
	INRJ	
250RA60	INR	45- 58
INRB	INRI	
	INRJ	
250RA80	INR	50- 57
INRB	INRI	
	INRJ	
250RA100	INR	53- 79
INRB	INRI	
	INRJ	
250RA110	INR	54- 50
INRB	INRI	
	INRJ	
250RA120	INR	55- 46
INRB	INRI	
	INRJ	
250RC5	ΔINRJ	20- 70
250RC10	ΔINRJ	24- 73
250RC15	ΔINRJ	26- 30
250RC20	ΔINRJ	30- 5
250RC30	ΔINRJ	34- 61
250RC40	ΔINRJ	38-103
250RC50	ΔINRJ	42- 10
250RC60	ΔINRJ	45- 53
250RM130	INR	56- 26
INRB	INRI	
	INRJ	
250RM140	INR	56- 95
INRB	INRI	
	INRJ	
250RM150	INR	57- 28
INRB	INRI	
	INRJ	
250RM160	INR	57- 70
INRB	INRI	
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250RM170	INR	57- 88
INRB	INRI	
	INRJ	
250T4	THCF	41- 73
251RM60	♦INR	45- 57
INRB	INRI	
	INRJ	
251RM80	♦INR	50- 56
INRB	INRI	
	INRJ	
251RM100	♦INR	53- 78
INRB	INRI	
	INRJ	
251RM110	♦INR	54- 49
INRB	INRI	
	INRJ	
251RM120	♦INR	55- 45
INRB	INRI	
	INRJ	
251RM130	INR	56- 27
INRB	INRI	
	INRJ	
251RM140	INR	56- 96
INRB	INRI	
	INRJ	
251RM150	INR	57- 29
INRB	INRI	
	INRJ	
251RM160	INR	57- 71
INRB	INRI	
	INRJ	
251RM170	INR	57- 89
INRB	INRI	
	INRJ	
300RC5	ΔINRJ	20- 74
300RC10	ΔINRJ	24- 76
300RC15	ΔINRJ	26- 36
300RC20	ΔINRJ	30- 13
300RC30	ΔINRJ	34- 73
300RC40	ΔINRJ	39- 1
300RC50	ΔINRJ	42- 17
300RC60	ΔINRJ	45- 67
305T4	THCF	20- 48
310T4	THCF	24- 45
315T4	THCF	26- 18
320T4	THCF	29- 78
325T4	THCF	31- 41
330T4	THCF	34- 22
340T4	THCF	38- 64
350RB50	INR	42- 25
INRB	INRI	
	INRJ	
350RB60	INR	45- 76
INRB	INRI	
	INRJ	
350RB70	INR	47-101
INRB	INRI	
	INRJ	
350RB80	INR	50- 70
INRB	INRI	
	INRJ	
350RB90	INR	52- 20
INRB	INRI	
	INRJ	
350RB100	INR	53- 92
INRB	INRI	
	INRJ	
350RB110	INR	54- 61
INRB	INRI	
	INRJ	
350RB120	INR	55- 61
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(cont.)	INRB	
	INRI	
	INRJ	
350RB120		
350T4	THCF	41- 79
410	PWC	16- 20
415T4	THCF	26- 27
420	PWC	16- 28
420PM130	INR	56- 40
INRB	INRI	
	INRJ	
420PM140	INR	57- 2
INRB	INRI	
	INRJ	
420PM150	INR	57- 36
INRB	INRI	
	INRJ	
420PM160	INR	57- 83
INRB	INRI	
	INRJ	
420PM170	INR	57- 94
INRB	INRI	
	INRJ	
420T4	THCF	29-102
425T4	THCF	31- 50
430	PWC	16- 29
430T4	THCF	34- 45
440	PWC	16- 30
440T4	THCF	38- 88
450	PWC	16- 32
450T4	THCF	41-101
460	PWC	16- 34
470	PWC	16- 36
480	PWC	16- 38
809A	WESY	20- 40
809B	WESY	24- 36
809C	WESY	26- 12
809D	WESY	29- 57
809E	WESY	31- 35
809F	WESY	34- 12
809K	WESY	44- 71
809P	WESY	47- 18
809S	WESY	49- 85
2231A	♦WESY	20- 67
2231B	♦WESY	24- 69
2231D	♦WESY	30- 1
2231F	♦WESY	34- 54
2231H	♦WESY	38- 98
2231K	♦WESY	42- 2
2231M	♦WESY	45- 45
2231P	♦WESY	47- 82
2231S	♦WESY	50- 48
2232A	♦WESY	20- 68
2232B	♦WESY	24- 70
2232D	♦WESY	30- 2
2232F	♦WESY	34- 55
2232H	♦WESY	38- 99
2232K	♦WESY	42- 3
2232M	♦WESY	45- 46
2232P	♦WESY	47- 83
2232S	♦WESY	50- 49
2232V	♦WESY	52- 1
2232Z	♦WESY	53- 71
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3001G	WGN	46- 46
3001H	WGN	48-104
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3520-6	♦AEIL	42- 32
3520-7	♦AEIL	45- 87
3520-8	♦AEIL	48- 1
3520-9	♦AEIL	50- 81
3521	♦AEIL	53-104
3522	♦AEIL	54- 69
3523	♦AEIL	55- 71
3550	♦AEIL	52- 29
3551	♦AEIL	53-101
3552	♦AEIL	54- 67
3553	♦AEIL	55- 68
3554	♦AEIL	56- 44
3555	♦AEIL	57- 3
3556	♦AEIL	57- 38
3557	♦AEIL	57- 86
3558	♦AEIL	57- 95
3559	♦AEIL	58- 5
4020	♦AEIL	52- 33
4020-8	♦AEIL	48- 2
4020-9	♦AEIL	50- 82
4021	♦AEIL	53-106
4022	♦AEIL	54- 70
4023	♦AEIL	55- 72
4024	♦AEIL	56- 46
4025	♦AEIL	57- 5
4100	PWC	16- 41
40507	♦RCA	27- 23
40508	♦RCA	35-105
AC06B	NECJ	59- 42
AC06BR	NECJ	59- 43
AC06BS	NECJ	59- 44
AC06BSR	NECJ	59- 45
AC06D	NECJ	60- 5
AC06DR	NECJ	60- 6
AC06DS	NECJ	60- 7
AC06DSR	NECJ	60- 8
AC10B	NECJ	59- 60
AC10BR	NECJ	59- 61
AC10BS	NECJ	59- 62
AC10BSR	NECJ	59- 63
AC10D	NECJ	60- 22
AC10DR	NECJ	60- 23
AC10DS	NECJ	60- 24
AC10DSR	NECJ	60- 25
B01021	♦ECC	none
Repl.by S2003LS1 Cur.		
B01022	♦ECC	none
Repl.by S2003LS2 Cur.		

♦-Copy of mfr's data sheet may be ordered from D.A.T.A.

Cur-In current D.A.T.A.BOOK Obs-In this book
Δ-Registered with JEDEC by this manufacturer

1. TYPE No. CROSS INDEX

IN TYPE NUMBER SEQUENCE

TYPE No.	MFRS	Pg&Line
B01023	♦ECC	none
Repl.by S2003LS3 Cur.		
B01024	♦ECC	none
Repl.by S4003LS1 Cur.		
B01025	♦ECC	none
Repl.by S4003LS2 Cur.		
B01026	♦ECC	none
Repl.by S4003LS3 Cur.		
B01027	♦ECC	none
Repl.by S6003LS1 Cur.		
B01028	♦ECC	none
Repl.by S6003LS2 Cur.		
B01029	♦ECC	none
Repl.by S6003LS3 Cur.		
B01030	♦ECC	48 - 48
B01031	♦ECC	48 - 50
B01032	♦ECC	48 - 52
B01051	♦ECC	none
Repl.by S2006LS2 Cur.		
B01052	♦ECC	none
Repl.by S2006LS3 Cur.		
B01053	♦ECC	none
Repl.by S4006LS2 Cur.		
B01054	♦ECC	none
Repl.by S4006LS3 Cur.		
B01055	♦ECC	none
Repl.by S6006LS2 Cur.		
B01056	♦ECC	none
Repl.by S6006LS3 Cur.		
B01057	♦ECC	48 - 58
B01058	♦ECC	48 - 60
B01071	♦ECC	none
Repl.by S2008LS2 Cur.		
B01072	♦ECC	none
Repl.by S2008LS3 Cur.		
B01073	♦ECC	none
Repl.by S4008LS2 Cur.		
B01074	♦ECC	none
Repl.by S4008LS3 Cur.		
B01075	♦ECC	none
Repl.by S6008LS2 Cur.		
B01076	♦ECC	none
Repl.by S6008LS3 Cur.		
B01077	♦ECC	48 - 80
B01078	♦ECC	48 - 82
B01091	♦ECC	none
Repl.by S2010LS2 Cur.		
B01092	♦ECC	none
Repl.by S2010LS3 Cur.		
B01093	♦ECC	none
Repl.by S4010LS2 Cur.		
B01094	♦ECC	none
Repl.by S4010LS3 Cur.		
B01095	♦ECC	none
Repl.by S6010LS2 Cur.		
B01096	♦ECC	none
Repl.by S6010LS3 Cur.		
B01097	♦ECC	48 - 86
B01098	♦ECC	48 - 88
B03001	♦ECC	none
Repl.by S2001LS1 Cur.		
B03002	♦ECC	none
Repl.by S2001LS2 Cur.		
B03003	♦ECC	none
Repl.by S2001LS3 Cur.		
B03004	♦ECC	none
Repl.by S4001LS1 Cur.		
B03005	♦ECC	none
Repl.by S4001LS2 Cur.		
B03006	♦ECC	none
Repl.by S4001LS3 Cur.		
B03007	♦ECC	none
Repl.by S6001LS1 Cur.		
B03008	♦ECC	none
Repl.by S6001LS2 Cur.		
B03009	♦ECC	none
Repl.by S6001LS3 Cur.		
B03010	♦ECC	48 - 39
B03011	♦ECC	48 - 41
B03012	♦ECC	48 - 43
B04001	♦ECC	none
Repl.by S2001MS1 Cur.		
B04002	♦ECC	none
Repl.by S2001MS2 Cur.		
B04003	♦ECC	none
Repl.by S2001MS3 Cur.		
B04004	♦ECC	none
Repl.by S4001MS1 Cur.		
B04005	♦ECC	none
Repl.by S4001MS2 Cur.		
B04006	♦ECC	none
Repl.by S4001MS3 Cur.		
B04007	♦ECC	none
Repl.by S6001MS1 Cur.		
B04008	♦ECC	none
Repl.by S6001MS2 Cur.		
B04009	♦ECC	none
Repl.by S6001MS3 Cur.		
B04010	♦ECC	48 - 40
B04011	♦ECC	48 - 42
B04012	♦ECC	48 - 44
B04021	♦ECC	none
Repl.by S2003MS1 Cur.		
B04022	♦ECC	none
Repl.by S2003MS2 Cur.		
B04023	♦ECC	none
Repl.by S2003MS3 Cur.		
B04024	♦ECC	none
Repl.by S4003MS1 Cur.		
B04025	♦ECC	none
Repl.by S4003MS2 Cur.		
B04026	♦ECC	none
Repl.by S4003MS3 Cur.		

TYPE No.	MFRS	Pg&Line
B04027	♦ECC	none
Repl.by S6003MS1 Cur.		
B04028	♦ECC	none
Repl.by S6003MS2 Cur.		
B04029	♦ECC	none
Repl.by S6003MS3 Cur.		
B04030	♦ECC	48 - 49
B04031	♦ECC	48 - 51
B05001	♦ECC	none
Repl.by S2006BS2 Cur.		
B05002	♦ECC	none
Repl.by S2006BS3 Cur.		
B05003	♦ECC	none
Repl.by S4006BS2 Cur.		
B05004	♦ECC	none
Repl.by S4006BS3 Cur.		
B05005	♦ECC	none
Repl.by S6006BS2 Cur.		
B05006	♦ECC	none
Repl.by S6006BS3 Cur.		
B05007	♦ECC	48 - 59
B05008	♦ECC	48 - 61
B05021	♦ECC	none
Repl.by S2008BS2 Cur.		
B05022	♦ECC	none
Repl.by S2008BS3 Cur.		
B05023	♦ECC	none
Repl.by S4008BS2 Cur.		
B05024	♦ECC	none
Repl.by S4008BS3 Cur.		
B05025	♦ECC	none
Repl.by S6008BS2 Cur.		
B05026	♦ECC	none
Repl.by S6008BS3 Cur.		
B05027	♦ECC	48 - 81
B05028	♦ECC	48 - 83
B05041	♦ECC	none
Repl.by S2010BS2 Cur.		
B05042	♦ECC	none
Repl.by S2010BS3 Cur.		
B05043	♦ECC	none
Repl.by S4010BS2 Cur.		
B05044	♦ECC	none
Repl.by S4010BS3 Cur.		
B05045	♦ECC	none
Repl.by S6010BS2 Cur.		
B05047	♦ECC	48 - 87
B05048	♦ECC	48 - 89
BCR5A2	MITJ	59 - 10
BCR5A4	MITJ	59 - 30
BCR5A6	MITJ	59 - 86
BCR5A8	MITJ	59-102
BCR5B2	MITJ	59 - 11
BCR5B4	MITJ	59 - 31
BCR5B6	MITJ	59 - 87
BCR5B8	MITJ	59-103
BCR5C2	MITJ	59 - 12
BCR5C4	MITJ	59 - 32
BCR5C6	MITJ	59 - 88
BCR5C8	MITJ	59-104
BCR10A4	MITJ	59 - 56
BCR10A6	MITJ	59 - 91
BCR10A8	MITJ	60 - 19
BCR10B4	MITJ	59 - 57
BCR10B6	MITJ	59 - 92
BCR10B8	MITJ	60 - 20
BCR10C2	MITJ	59 - 16
BCR10C4	MITJ	59 - 58
BCR10C6	MITJ	59 - 93
BCR10C8	MITJ	60 - 21
BDW26	TEC	15 - 3
BDW32	TEC	15 - 8
BDW38	TEC	15 - 10
BIP7301A	BUR	64 - 8
BRY23	SGSI	21-101
BRY24	SGSI	26 - 90
BRY25	SGSI	33 - 83
BRY26	SGSI	35 - 79
BRY28	SGSI	22 - 29
BRY29	SGSI	27 - 24
BRY30	SGSI	31 - 95
BRY31	SGSI	35-106
BRY32	SGSI	18 - 49
BRY33	SGSI	21 - 65
BRY34	SGSI	26 - 66
BRY35	SGSI	22 - 13
BRY36	SGSI	27 - 5
BRY37	SGSI	31 - 82
BStC0106	SIEG	22 - 62
BStC0113	SIEG	27 - 58
BStC0126	SIEG	36 - 26
BStC0133	SIEG	39 - 95
BStC0140	SIEG	21 - 17
BStC0146	SIEG	46 - 11
BStC0206	SIEG	22 - 41
BStC0213	SIEG	27 - 35
BStC0226	SIEG	36 - 5
BStC0233	SIEG	39 - 82
BStC0240	SIEG	42 - 69
BStC0246	SIEG	46 - 6
BStD0220	SIEG	32 - 88
BStD0240	SIEG	43 - 24
BStD0260	SIEG	51 - 10
BStF0320	SIEG	33 - 42
BStF0340	SIEG	44 - 5
BStF0360	SIEG	51 - 38
BStF0420	SIEG	33 - 59
BStF0520	SIEG	33 - 60
BStF0540	SIEG	44 - 6
BStF0560	SIEG	51 - 42
BStF0590	SIEG	55 - 84
BStF05110	SIEG	57 - 43
BStG0220	♦SIEG	33 - 87
BStG0240	♦SIEG	44 - 44

TYPE No.	MFRS	Pg&Line
BStG0260	♦SIEG	51 - 60
BStG0320	♦SIEG	33 - 82
BStG0340	♦SIEG	44 - 37
BStG0360	♦SIEG	51 - 57
BStH0420	SIEG	33-102
BStH0520	SIEG	33-103
BStL0220	♦SIEG	34 - 26
BStL0240	♦SIEG	45 - 9
BStL0260	♦SIEG	51 - 89
BStL0420	SIEG	34 - 32
BStL0440	SIEG	45 - 22
BStL0455	SIEG	50 - 28
BStL0460	SIEG	51 - 98
BStL0520	SIEG	34 - 33
BStL0540	SIEG	45 - 23
BStL0560	SIEG	51 - 99
BStL0590	SIEG	56 - 14
BStL2420	SIEG	34 - 19
BStL2520	SIEG	34 - 20
BStL3520	SIEG	34 - 36
BStL4006	SIEG	24 - 71
BStL4020	SIEG	34 - 58
BStL4033	SIEG	42 - 5
BStL05110	SIEG	57 - 62
BStL06140	SIEG	58 - 19
BStL06160	SIEG	58 - 27
BStL06180	SIEG	58 - 32
BStN0220	♦SIEG	34 - 56
BStN0240	♦SIEG	45 - 47
BStN0260	♦SIEG	52 - 2
BStN0320	SIEG	34 - 62
BStN0340	SIEG	45 - 54
BStN0360	SIEG	52 - 8
BStN0520	SIEG	34 - 64
BStN0540	SIEG	45 - 56
BStN0560	SIEG	52 - 10
BStN0590	SIEG	56 - 25
BStN1520	SIEG	34 - 59
BStN1540	SIEG	45 - 49
BStN1560	SIEG	52 - 4
BStN1580	SIEG	55 - 60
BStN1590	SIEG	56 - 22
BStN2320	SIEG	34 - 68
BStN2520	SIEG	34 - 69
BStN2540	SIEG	45 - 63
BStN2560	SIEG	52 - 13
BStN2590	SIEG	56 - 31
BStN3520	SIEG	34 - 70
BStN4006	SIEG	24 - 79
BStN4020	SIEG	34 - 83
BStN4033	SIEG	42 - 28
BStN4520	SIEG	34 - 87
BStN05100	SIEG	57 - 27
BStN05110	SIEG	57 - 69
BStN15110	SIEG	57 - 68
BStN25100	SIEG	57 - 32
BStN25110	SIEG	57 - 75
BStP0220	SIEG	34 - 90
BStP0240	SIEG	45 - 85
BStP0260	SIEG	52 - 30
BStP0280	SIEG	54 - 88
BStP0320	SIEG	34 - 88
BStP0340	SIEG	45 - 83
BStP0360	SIEG	52 - 27
BStP0520	SIEG	34 - 89
BStP0540	SIEG	45 - 84
BStP0560	SIEG	52 - 28
BStP0590	SIEG	56 - 43
BStP1260	SIEG	52 - 26
BStP1520	SIEG	34 - 92
BStP3520	SIEG	34 - 80
BStP4520	SIEG	34 - 91
BStP05100	SIEG	57 - 37
BStP05110	SIEG	57 - 85
BT110	♦APX	59-110
	♦MULB	
BTV0405	TEC	59 - 2
BTV0410	TEC	59 - 18
BTV0420	TEC	59 - 64
BTV0430	TEC	59 - 94
BTV0440	TEC	60 - 26
BTV0460	TEC	60 - 68
BTW23-600	MULB	44 - 49
BTW23-600R	RTCF	44 - 47
BTW23-700R	RTCF	47 - 10
BTW23-800	MULB	49 - 72
BTW23-800R	RTCF	49 - 70
BTW23-1000	MULB	53 - 16
BTW23-1000R	RTCF	53 - 15
BTW23-1200	MULB	54-101
BTW23-1400	MULB	56 - 64
BTW23-1400R	RTCF	56 - 63
BTW23-1600	MULB	57 - 48
BTW23-1600R	RTCF	57 - 47
BTW24-600	MULB	43 - 95
BTW24-600R	♦MULB	44 - 18
	RTCF	
BTW24-700R	RTCF	46 - 90
BTW24-800	MULB	49 - 34
BTW24-800R	♦MULB	49 - 55
	RTCF	
BTW24-1000	MULB	52 - 94
BTW24-1000R	♦MULB	52-101
	RTCF	
BTW24-1200	MULB	54 - 87
BTW24-1200R	♦MULB	54 - 92
	RTCF	
BTW24-1400	MULB	56 - 54
BTW24-1400R	♦MULB	56 - 57
	RTCF	
BTW24-1600	MULB	57 - 42
BTW24-1600R	♦MULB	57 - 45
	RTCF	

TYPE No.	MFRS	Pg&Line
BTW26-150	♦APX	59 - 22
	MULB	
BTW26-300	♦APX	59 - 95
	MULB	
BTW26-400	♦APX	60 - 30
	MULB	
BTW26-500	♦APX	60 - 57
	MULB	
BTW26-600	♦APX	60 - 70
	MULB	
BTW30-300	MULB	32-104
BTW30-400	MULB	37 - 11
BTW30-500	MULB	40 - 43
BTW30-600	MULB	43 - 37
BTW30-800	MULB	48-108
BTW30-1000	MULB	52 - 74
BTW30-1200	MULB	54 - 75
BTW31-300	MULB	33 - 26
BTW31-400	MULB	37 - 50
BTW31-500	MULB	40 - 78
BTW31-600	MULB	43 - 72
BTW31-700R	♦MULB	46 - 68
BTW31-800	MULB	49 - 16
BTW31-1000	MULB	52 - 84
BTW31-1200	MULB	54 - 80
BTW32-300R	RTCF	32-110
BTW32-400R	RTCF	37 - 17
BTW32-500R	RTCF	40 - 37
BTW32-800R	♦MULB	49 - 44
BTW32-1000R	♦MULB	52 - 98
BTW32-1200R	♦MULB	54 - 89
BTW92-600R	♦MULB	43 - 65
BTW92-1000	MULB	52 - 83
BTW92-1200	MULB	54 - 79
BTW92-1400	MULB	56 - 50
BTW92-1400R	♦MULB	56 - 51
BTW92-1600	MULB	57 - 39
BTW92-1600R	♦MULB	57 - 40
BTX12/100R	APX	23 - 61
	PHIN	RTCF
BTX12/200R	APX	28 - 58
	PHIN	RTCF
BTX12/300R	APX	33 - 12
	PHIN	RTCF
BTX12/400R	APX	37 - 33
	PHIN	RTCF
BTX12/450R	APX	39 - 30
	PHIC	PHIN
BTX12/500R	APX	40 - 62
	PHIN	RTCF
BTX12/600R	APX	43 - 55
	PHIN	RTCF
BTX12/700R	APX	46 - 89
	PHIN	
BTX20	CGEF	29 - 22
BTX21	CGEF	33 - 91
BTX22	CGEF	38 - 8
BTX23	CGEF	41 - 31
BTX24	CGEF	44 - 52
BTX25	CGEF	47 - 12
BTX26	CGEF	49 - 75
BTX29-200R	CGEF	29 - 23
BTX29-300R	CGEF	33 - 92
BTX29-400R	CGEF	38 - 9
BTX29-500R	CGEF	41 - 32
BTX29-600R	CGEF	44 - 53
BTX29-700R	CGEF	45 - 92
BTX29-800R	CGEF	49 - 76
BTX29-900R	CGEF	51 - 62
BTX29-1200R	CGEF	54-103
BTX29-1400R	CGEF	56 - 66
BTX29-1600R	CGEF	57 - 50
BTX29-1800R	CGEF	57 - 97
BTX29/1000R	CGEF	53 - 18
BTX31-50R	TAGS	19 - 13
BTX31-100R	TAGS	22 - 84
BTX31-200R	TAGS	27 - 80
BTX31-300R	TAGS	32 - 30
BTX31-400R	TAGS	36 - 48
BTX31-500R	TAGS	40 - 2
BTX31-600R	TAGS	42 - 96
BTX31-700R	TAGS	46 - 24
BTX31-800R	TAGS	48 - 75
BTX31-900R	TAGS	51 - 1
BTX31-1000R	TAGS	52 - 58
BTX31S50R	TAGS	19 - 14
BTX31S100R	TAGS	22 - 88
BTX31S200R	TAGS	27 - 84
BTX31S300R	TAGS	32 - 34
BTX31S400R	TAGS	36 - 52
BTX31S500R	TAGS	40 - 3
BTX31S600R	TAGS	42 - 97
BTX31S700R	TAGS	46 - 25
BTX31S800R	TAGS	48 - 76
BTX31S900R	TAGS	51 - 2
BTX31S1000R	TAGS	52 - 59
BTX32-50R	TAGS	19 - 43
BTX32-100R	TAGS	23 - 17
BTX32-200R	TAGS	28 - 14
BTX32-300R	TAGS	32 - 75
BTX32-400R	TAGS	36 - 86
BTX32-500R	TAGS	40 - 27
BTX32-600R	TAGS	43 - 11

TYPE No.	MFRS	Pg&Line
BTX32-700R	TAGS	46 - 34
BTX32-800R	TAGS	48 - 96
BTX32-900R	TAGS	51 - 6
BTX32-1000R	TAGS	52 - 66
BTX32S50R	TAGS	19 - 44
BTX32S100R	TAGS	23 - 18
BTX32S200R	TAGS	28 - 15
BTX32S300R	TAGS	32 - 76
BTX32S400R	TAGS	36 - 87
BTX32S500R	TAGS	40 - 18
BTX32S600R	TAGS	43 - 12
BTX32S700R	TAGS	46 - 35
BTX32S800R	TAGS	48 - 97
BTX32S900R	TAGS	51 - 7
BTX32S1000R	TAGS	52 - 67
BTX33-50R	TAGS	19 - 83
BTX33-100R	TAGS	23 - 69
BTX33-200R	TAGS	28 - 66
BTX33-300R	TAGS	33 - 20
BTX33-400R	TAGS	37 - 41
BTX33-500R	TAGS	40 - 63
BTX33-600R	TAGS	43 - 62
BTX33-700R	TAGS	46 - 62
BTX33-800R	TAGS	49 - 11
BTX33-900R	TAGS	51 - 20
BTX33-1000R	TAGS	52 - 81
BTX33S50R	TAGS	19 - 84
BTX33S100R	TAGS	23 - 70
BTX33S200R	TAGS	28 - 67
BTX33S300R	TAGS	33 - 21
BTX33S400R	TAGS	37 - 42
BTX33S500R	TAGS	40 - 64
BTX33S600R	TAGS	43 - 63
BTX33S700R	TAGS	46 - 63
BTX33S800R	TAGS	49 - 12
BTX33S900R	TAGS	51 - 21
BTX33S1000R	TAGS	52 - 82
BTX41-200R	♦VALG	30 - 3
BTX41-300R	CGEF	34 - 57
	RTCF	
BTX41-400R	CGEF	38-105
	♦RTCF	
BTX41-500R	CGEF	42 - 4
	RTCF	
BTX41-600R	CGEF	45 - 60
	♦RTCF	
BTX41-700R	CGEF	47 - 84
	RTCF	
BTX41-900R	CGEF	52 - 3
	RTCF	
BTX41/1800R	♦RTCF	57-107
	♦VALG	
BTX44-200R	CGEF	29 - 12
BTX44-300R	CGEF	33 - 80
BTX44-400R	CGEF	37-105
BTX44-500R	CGEF	41 - 21
BTX44-600R	CGEF	44 - 9
BTX44-700R	CGEF	47 - 6
BTX44-800R	CGEF	49 - 65
BTX44-900R	CGEF	51 - 56
BTX44-1000R	CGEF	53 - 12
BTX44-1200R	CGEF	54 - 98
BTX44-1600R	CGEF	57 - 46
BTX44-1800R	CGEF	57 - 96
BTX45-200R	CGEF	29 - 59
BTX45-300R	CGEF	34 - 4
BTX45-400R	CGEF	38 - 46
BTX45-500R	CGEF	41 - 57
BTX45-600R	CGEF	44 - 93
BTX45-700R	CGEF	47 - 31
BTX45-800R	CGEF	49-105
BTX45-900R	CGEF	51 - 69
BTX45-1000R	CGEF	53 - 40
BTX45-1200R	CGEF	55 - 9
BTX45-1400R	CGEF	56 - 74
BTX45-1600R	CGEF	57 - 54
BTX45-1800R	CGEF	57 - 98
BTX46-300R	CGEF	34 - 44
BTX46-700R	CGEF	47 - 72
BTX46-800R	CGEF	50 - 47
	♦RTCF	
BTX46-900R	CGEF	51-104
BTX46-1000R	CGEF	53 - 70
	♦RTCF	
BTX46-1200R	CGEF	55 - 39
	♦RTCF	
BTX46-1400R	CGEF	56 - 91
BTX46-1600R	CGEF	57 - 65
BTX46-1800R	RTCF	57-103
BTX49-1400R	♦MULB	55 - 93
PHIC	RTCF	
	VALG	
BTX50-1400R	♦MULB	55 - 96
	RTCF	
BTX51-500R	♦MULB	41 - 43
BTX51-600R	♦MULB	44 - 66
BTX51-700R	♦MULB	47 - 17
BTX51-800R	♦MULB	49 - 81
BTX52	SGSI	22 - 96
BTX53	SGSI	27 - 92
BTX54	SGSI	32 - 42
BTX55	SGSI	36 - 60
BTX57	SGSI	22-104
BTX58	SGSI	27-100
BTX59	SGSI	32 - 50
BTX60	SGSI	36 - 69
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♦-Copy of mfr's data sheet may be ordered from D.A.T.A.

Cur-In current D.A.T.A.BOOK
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BTY89	PHIC	28 - 32
RTCF	VALG	
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RTCF	VALG	
BTY91	PHIC	37 - 4
RTCF	VALG	
BTY92	APX	none
PHIC	RTCF	
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PHIC	RTCF	
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PHIC	RTCF	
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	NAT	
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C35B	GESY	none
	NAT	
Repl.by 2N685 Cur.		
C35C	GESY	none
	NAT	
Repl.by 2N687 Cur.		
C35D	GESY	none
	NAT	
Repl.by 2N688 Cur.		
C35DR700	GESY	35 - 70
C35E	GESY	none
	NAT	
Repl.by 2N689 Cur.		
C35F	GESY	none
Repl.by 2N682 Obs.		
C35G	GESY	none
Repl.by 2N684 Cur.		
C35M	GESY	none
	NAT	
Repl.by 2N690 Cur.		
C35N	GESY	none
	NAT	
Repl.by 2N692 Cur.		
C35S	GESY	none
	NAT	
Repl.by 2N691 Cur.		
C35U	GESY	none
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C40N	♦NAT	52 - 38
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C56N	GESY	49 - 87
C56S	GESY	47 - 20
C80A	GESY	none
Repl.by 2N2543 Cur.		
C80B	GESY	none
Repl.by 2N2544 Cur.		
C80C	GESY	none
Repl.by 2N2545 Cur.		
C80D	GESY	none
Repl.by 2N2546 Cur.		
C80E	GESY	none
Repl.by 2N2547 Cur.		
C80F	GESY	none
Repl.by 2N2542 Cur.		
C80G	GESY	26 - 21
C80H	GESY	31 - 43
C80M	GESY	none
Repl.by 2N2548 Cur.		
C80N	GESY	none
Repl.by 2N2549 Cur.		
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C106B	GESY	27 - 36
	♦PIR	
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C106Q	♦PIR	17 - 29
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	♦PIR	
C135A	GESY	none
	NAT	
Repl.by 2N3754 Cur.		
C135B	GESY	none
	NAT	
Repl.by 2N3755 Cur.		
C135C	GESY	none
	NAT	
Repl.by 2N3756 Cur.		
C135D	GESY	none
	NAT	
Repl.by 2N3757 Cur.		
C135F	GESY	none
Repl.by 2N3753 Cur.		
C135M	GESY	none
	NAT	
Repl.by 2N3759 Cur.		
C135N	GESY	none
	NAT	
Repl.by 2N3761 Cur.		
C135S	GESY	none
	NAT	
Repl.by 2N3760 Cur.		
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C146B	GESY	29 - 7
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C146F	GESY	20 - 11
C146M	GESY	44 - 20
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C506B	♦GESY	26 - 65
C506C	♦GESY	31 - 58
C506D	♦GESY	35 - 71
C506E	♦GESY	39 - 64
C506M	♦GESY	42 - 53
C507A	GESY	24 - 80
	NAT	
C507B	GESY	30 - 22
	NAT	
C507C	GESY	34 - 84
	NAT	
C507D	GESY	39 - 11
	NAT	
C507E	GESY	42 - 29
	NAT	
C507M	GESY	45 - 79
	NAT	
C507N	GESY	50 - 74
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C507P	GESY	53 - 96
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C507PA	GESY	54 - 64
	NAT	
C507PB	GESY	55 - 65
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C507PC	GESY	56 - 38
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C507PD	GESY	57 - 1
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C507S	GESY	47-104
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C507T	GESY	52 - 23
	NAT	
C508A	GESY	24 - 81
C508B	GESY	30 - 23
C508C	GESY	34 - 85
C508D	GESY	39 - 12
C508E	GESY	42 - 30
C508M	GESY	45 - 80
C508N	GESY	50 - 75
C508P	GESY	53 - 97
C508PA	GESY	54 - 65
C508PB	GESY	55 - 66
C508S	GESY	47-105
C508T	GESY	52 - 24
C510A	♦GESY	24 - 75
C510B	♦GESY	30 - 11
C510C	♦GESY	34 - 71
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C510M	♦GESY	45 - 65
C510S	♦GESY	47 - 91
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C29120PA☑	NAT	54 - 57
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CR7K1203A45	AEIL	54 - 52
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♦-Copy of mfr's data sheet may be ordered from D.A.T.A.

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♦-Copy of mfr's data sheet may be ordered from D.A.T.A.

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MCR1604-2	MOTA	none
Repl.by MCR2604-2 Cur.		
MCR1604-3	MOTA	none
Repl.by MCR2604-3 Cur.		
MCR1604-4	MOTA	none
Repl.by MCR2604-4 Cur.		
MCR1604-5	MOTA	none
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MCR1604-6	MOTA	none
Repl.by MCR2604-6 Cur.		
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Repl.by MCR2605-1 Cur.		
MCR1605-2	MOTA	none
Repl.by MCR2605-2 Cur.		
MCR1605-3	MOTA	none
Repl.by MCR2605-3 Cur.		
MCR1605-4	MOTA	none
Repl.by MCR2605-4 Cur.		
MCR1605-5	MOTA	none
Repl.by MCR2605-5 Cur.		
MCR1605-6	MOTA	none
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MCR2304-6	MOTA	none
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♦-Copy of mfr's data sheet may be ordered from D.A.T.A.

Cur-In current D.A.T.A.BOOK
Δ-Registered with JEDEC by this manufacturer

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NL555C	♦NAT	35- 53	NL-C151PB	NAT	56- 69	NLH150N	♦NAT	49-102	RTH0430	TEC	31- 61	Repl.by BTY84	Cur.	
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NL556D	♦NAT	39- 57	NL-C180M	NAT	48- 23	RTF0115	TEC	25- 26	RTV0110	TEC	23- 13		PHIC	
NL556E	♦NAT	44- 31	NL-C180N	NAT	52- 53	RTF0120	TEC	26-102	RTV0120	TEC	28- 10	SCR73	MULB	none
NL556F	♦NAT	21- 30	NL-C180PA	NAT	56- 19	RTF0125	TEC	30- 64	RTV0130	TEC	32- 69	Repl.by BTY88	Cur.	
NL556G	♦NAT	26- 61	NL-C180PB	NAT	56- 87	RTF0130	TEC	31- 76	RTV0140	TEC	36- 92	SCR74	MULB	25- 84
NL556H	♦NAT	33- 75	NL-C180PC	NAT	57- 24	RTF0135	TEC	35- 3	RTV0150	TEC	40- 21	SCR75	MULB	none
NL556M	♦NAT	48- 18	NL-C180S	NAT	50-101	RTF0140	TEC	35- 88	RTV0160	TEC	43- 5	Repl.by BTY89	Cur.	
NL556N	♦NAT	52- 48	NL-C180T	NAT	53- 63	RTF0201	TEC	17- 25	RTV0202	TEC	17- 69	SCR76	MULB	30-105
NL556P	♦NAT	54- 97	NLC38F	♦NAT	20- 4	RTF0203	TEC	18- 24	RTV0205	TEC	19- 70	SCR77	MULB	none
NL556PA	♦NAT	55- 92	NLC38U	♦NAT	17- 82	RTF0206	TEC	21- 12	RTV0210	TEC	23- 46	Repl.by BTY90	Cur.	
NL556PB	♦NAT	56- 61	NLC62F	♦NAT	20- 19	RTF0210	TEC	22- 5	RTV0220	TEC	28- 42	SCR78	MULB	none
NL556PC	♦NAT	57- 13	NLC62U	♦NAT	17- 87	RTF0215	TEC	25- 28	RTV0230	TEC	32-108	Repl.by BTY91	Cur.	
NL556S	♦NAT	50- 98	NLE45B	NAT	29- 1	RTF0220	TEC	26-104	RTV0240	TEC	37- 15	SCR92	MULB	20- 9
NL556T	♦NAT	53- 9	NLE45C	NAT	33- 65	RTF0225	TEC	30- 66	RTV0250	TEC	40- 47	SCR93	MULB	none
NL571A	NAT	23-105	NLE45D	NAT	37- 94	RTF0230	TEC	31- 78	RTV0260	TEC	43- 40	Repl.by BTY95-100R	Cur.	
NL571B	NAT	28-102	NLE45E	NAT	41- 8	RTF0235	TEC	35- 5	RTV0302	TEC	17- 67	SCR94	MULB	25-102
NL571C	NAT	33- 55	NLE45M	NAT	44- 14	RTF0240	TEC	35- 90	RTV0305	TEC	19- 67	SCR95	MULB	none
NL571D	NAT	37- 82	NLE45N	NAT	49- 51	RTF0301	TEC	17- 24	RTV0310	TEC	23- 43	Repl.by BTY95-200R	Cur.	
NL571E	NAT	40-108	NLE45S	NAT	46-105	RTF0303	TEC	18- 23	RTV0320	TEC	28- 39	SCR111	MULB	17- 86
NL571F	NAT	20- 3	NLE45T	NAT	51- 46	RTF0306	TEC	21- 11	RTV0330	TEC	32-105	SCR112	MULB	20- 18
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NL-C35T	NAT	51- 32	NLE46D	NAT	37- 95	RTF0320	TEC	26-103	RTV0360	TEC	43- 38	SCR115	MULB	none
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NL-C37F	NAT	21- 19	NLE150E	♦NAT	41- 62	RTF0420	TEC	26-101	RTV0502	TEC	17- 70	SCR165A	SCN	40-102
NL-C37M	NAT	48- 4	NLE150M	♦NAT	44- 88	RTF0425	TEC	30- 63	RTV0505	TEC	19- 71	SCR166A	SCN	43-101
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NL-C40A	NAT	24- 91	NLE150T	♦NAT	51- 72	RTF0501	TEC	17- 21	RTV0540	TEC	37- 16	SCR315	SCN	25- 48
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NL-C40D	NAT	39- 42	NLE151N	NAT	49- 97	RTF0510	TEC	22- 1	RTV0602	TEC	17- 68	SCR345	SCN	39- 18
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NL-C56H	NAT	34- 3	NLF291PA	NAT	54- 55	RTH0401	TEC	17- 7	SCR51	MULB	17- 57	SCRF38A	SCN	48- 55
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♦-Copy of mfr's data sheet may be ordered from D.A.T.A.

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1. TYPE No. CROSS INDEX

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SCRF1630	SCN	33 - 50	SF10G11	TOSJ	37 - 8	SKT90/08F	SEKG	49 - 78		ALGG			ALGG	
SCRF1635	SCN	35 - 31	SF10H11	TOSJ	40 - 42	SKT90/10	SEKG	53 - 20	T0.8N400	AEGG	35 - 81	T15N1200E	AEGG	54 - 78
SCRF1640	SCN	37 - 77	SF10J11	TOSJ	43 - 32	SKT90/12	SEKG	55 - 2		ALGG			ALGG	
SCRF1645	SCN	39 - 36	SF10L11	TOSJ	48-106	SKT90/14	SEKG	56 - 68	T0.8N50	AEGG	18 - 57	T15N1300C	AEGG	55 - 76
SCRF1650	SCN	40-105	SF10N11	TOSJ	52 - 72	SKT90/16	SEKG	57 - 52		ALGG			ALGG	
SCRF1655	SCN	42 - 49	SF10Z11	TOSJ	17 - 66	SKT91/02	SEKG	29 - 35	T0.8N500	AEGG	39 - 68	T15N1300E	AEGG	55 - 77
SCRF1660	SCN	43-104	SF16A11	TOSJ	19 - 98	SKT91/04	SEKG	38 - 20		ALGG			ALGG	
SCRF1665	SCN	45-100	SF16B11	TOSJ	23 - 85	SKT91/06	SEKG	44 - 64	T3N6C00	INTG	42 - 75	T18/50	ALGG	19-102
SCRF1670	SCN	46 - 96	SF16C11	TOSJ	25 - 95	SKT91/08	SEKG	49 - 79	T3N50	AEGG	18 - 99	T18/100	ALGG	23 - 90
SCRF1680	SCN	49 - 41	SF16D11	TOSJ	28 - 82	SKT91/09	SEKG	51 - 63		ALGG		T18/200	ALGG	28 - 87
SCRFL03	SCN	18 - 31	SF16E11	TOSJ	31 - 5	SKT110/02F	SEKG	29 - 51	T3N100	AEGG	22 - 51	T18/400	ALGG	37 - 64
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SCRFL10	SCN	22 - 26	SF16G11	TOSJ	37 - 61	SKT110/06F	SEKG	44 - 87	T3N200	AEGG	27 - 46	T18/600	ALGG	43 - 90
SCRFL15	SCN	25 - 41	SF16H11	TOSJ	40 - 89	SKT110/08F	SEKG	49 - 99		ALGG		T18/700	ALGG	46 - 84
SCRFL20	SCN	27 - 20	SF16J11	TOSJ	43 - 83	SKT110/10	SEKG	53 - 35	T3N300	AEGG	32 - 2	T18F100	ALGG	23 - 79
SCRFL25	SCN	30 - 73	SF16L11	TOSJ	49 - 25	SKT110/12	SEKG	55 - 8		ALGG		T18F100C	AEGG	23 - 80
SCRFL30	SCN	31 - 93	SF16N11	TOSJ	52 - 87	SKT110/14	SEKG	56 - 73	T3N400	AEGG	36 - 14		ALGG	
SCRFL35	SCN	35 - 6	SF16Z11	TOSJ	17 - 78	SKT110/16	SEKG	57 - 53		ALGG		T18F100E	AEGG	23 - 81
SCRFL40	SCN	35-102	SF500EX22	TOSJ	58 - 31	SKT111-09	SEKG	51 - 76	T3N500	AEGG	39 - 87		ALGG	
SCRFL45	SCN	39 - 16	SF500U22	TOSJ	57 - 84	SKT111/02	SEKG	29 - 58		ALGG		T18F200	ALGG	28 - 76
SCRFL50	SCN	39 - 77	SF500Y22	TOSJ	58 - 18	SKT111/04	SEKG	38 - 45	T3N600	AEGG	42 - 76	T18F200C	AEGG	28 - 77
SCRFL55	SCN	42 - 38	SF800L21	TOSJ	50 - 78	SKT111/06	SEKG	44 - 92		ALGG			ALGG	
SCRFL60	SCN	42 - 64	SF800N21	TOSJ	53-100	SKT111/08	SEKG	49-104	T4.5/100	ALGG	22 - 57	T18F200E	AEGG	28 - 78
SCRFL70	SCN	46 - 3	SF800R21	TOSJ	56 - 42	SKT140/02F	♦SEKG	29 - 73	T4.5/200	ALGG	27 - 53		ALGG	
SCRFL80	SCN	48 - 45	SH5B11	TOSJ	22-106	SKT140/04F	♦SEKG	38 - 59	T4.5/300	ALGG	32 - 8	T18F300C	AEGG	33 - 30
SCRJ03	SCN	18 - 37	SH5D11	TOSJ	27-102	SKT140/06F	♦SEKG	44-106	T4.5/400	ALGG	36 - 22		ALGG	
SCRJ05	SCN	19 - 10	SH5F11	TOSJ	32 - 51	SKT140/08F	♦SEKG	50 - 7	T6.5N100	ALGG	22 - 77	T18F300E	AEGG	33 - 31
SCRJ10	SCN	22 - 85	SH5H11	TOSJ	40 - 11	SKT140/10	♦SEKG	53 - 46	T6.5N200	ALGG	27 - 73		ALGG	
SCRJ15	SCN	25 - 59	SH5J11	TOSJ	42-105	SKT140/12	♦SEKG	55 - 15	T6.5N300	ALGG	32 - 23	T18F400	ALGG	37 - 55
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SCRJ35	SCN	35 - 15	SH16G11	TOSJ	37 - 62	SKT141/02	♦SEKG	29 - 74	T6.5N700	ALGG	46 - 16		ALGG	
SCRJ40	SCN	36 - 49	SH16J11	TOSJ	43 - 87	SKT141/04	♦SEKG	38 - 61	T6.5N800	ALGG	48 - 67	T18F500	ALGG	40 - 83
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SCRJ50	SCN	39-109	SH400N21	TOSJ	53 - 98	SKT141/08	♦SEKG	50 - 9	T14/50	ALGG	19 - 51		ALGG	
SCRJ55	SCN	42 - 44	SH400R21	TOSJ	56 - 39	SKT170/02F	SEKG	29 - 80	T14/100	ALGG	23 - 30	T18F500E	AEGG	40 - 85
SCRJ60	SCN	42 - 93	SH400U23	TOSJ	57 - 82	SKT170/04F	SEKG	38 - 66	T14/200	ALGG	28 - 26		ALGG	
SCRJ70	SCN	46 - 21	SIT0.8-100	INTG	24 - 82	SKT170/06F	SEKG	45 - 3	T14/400	ALGG	36-106	T18F600	ALGG	43 - 77
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SCRJL03	SCN	18 - 19	SIT0.8-300	INTG	34 - 99	SKT170/10	SEKG	53 - 49		ALGG			ALGG	
SCRJL05	SCN	18 - 59	SIT0.8-50	INTG	20 - 76	SKT170/12	SEKG	55 - 18	T14F100E	AEGG	23 - 53	T18F600E	AEGG	43 - 79
SCRJL10	SCN	21-106	SIT4-50	INTG	20 - 77	SKT170/14	SEKG	56 - 77		ALGG			ALGG	
SCRJL15	SCN	25 - 20	SIT4-100	INTG	24 - 83	SKT170/16	SEKG	57 - 58	T14F200C	AEGG	28 - 49	T18F700	ALGG	46 - 74
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SCRJL40	SCN	35 - 83	SIT14-200	INTG	28 - 30	SKT171/08	SEKG	50 - 13		ALGG		T18F800	ALGG	49 - 21
SCRJL45	SCN	39 - 15	SIT14-400	INTG	37 - 2	SKT220/02F	SEKG	29 - 88	T14F300E	AEGG	33 - 5	T18F800C	AEGG	49 - 22
SCRJL50	SCN	39 - 71	SIT18-50	INTG	19 - 85	SKT220/04F	SEKG	38 - 76		ALGG			ALGG	
SCRJL55	SCN	42 - 37	SIT18-100	INTG	23 - 74	SKT220/06F	SEKG	45 - 18	T14F400C	AEGG	37 - 22	T18F800E	AEGG	49 - 23
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SCRJL70	SCN	45-108	SIT18-400	INTG	37 - 46	SKT220/10	SEKG	53 - 57	T14F400E	AEGG	37 - 23	T18F900	ALGG	51 - 26
SCRJL80	SCN	48 - 36	SIT18-500	INTG	40 - 75	SKT220/12	SEKG	55 - 27		ALGG		T18F900C	AEGG	51 - 27
SCRL35	SCN	35 - 7	SIT18-600	INTG	43 - 69	SKT220/14	SEKG	56 - 85	T14F500C	AEGG	40 - 53		ALGG	
SCRL40	SCN	35-103	SIT20-50	INTG	20 - 80	SKT220/16	SEKG	57 - 61		ALGG		T18F900E	AEGG	51 - 28
SCRL45	SCN	39 - 17	SIT20-100	INTG	24 - 85	SKT221-09	SEKG	51 - 94	T14F500E	AEGG	40 - 54		ALGG	
SCRL50	SCN	39 - 78	SIT20-200	INTG	30 - 28	SKT221/02	SEKG	29 - 89		ALGG		T20F50	AEIL	20 - 64
SCRL55	SCN	42 - 39	SIT20-300	INTG	34-103	SKT221/04	SEKG	38 - 77	T14F600C	AEGG	43 - 47	T20F100	AEIL	24 - 64
SCRL60	SCN	42 - 65	SIT30-100	INTG	23 - 95	SKT221/06	SEKG	45 - 19		ALGG		T20F150	AEIL	26 - 28
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♦-Copy of mfr's data sheet may be ordered from D.A.T.A.

Cur-In current D.A.T.A.BOOK Obs-In this book

Δ-Registered with JEDEC by this manufacturer

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T170F700	AEGG	47 - 58
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T170F900	AEGG	51 - 92
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T170N400	AEGG	38 - 75
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T170N600	AEGG	45 - 17
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T170N700	AEGG	47 - 59
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T220N700	AEGG	47 - 79
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T220N800	AEGG	50 - 43
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T260F500	AEGG	41-109
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♦-Copy of mfr's data sheet may be ordered from D.A.T.A.

Cur-In current D.A.T.A.BOOK Obs-In this book
Δ-Registered with JEDEC by this manufacturer

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TCR8	TEC	none
Repl.by RTN0505 Cur.		
TCR13	TEC	none
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TCR18	TEC	none
Repl.by RTN0510 Cur.		
TCR23	TEC	none
Repl.by RTN0120 Cur.		
TCR28	TEC	none
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TCR35C	TEC	none
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TCR45C	TEC	none
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TCR48	TEC	none
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TIX90	TIIB	19 - 75
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TIX92	TIIB	28 - 54
TIX93	TIIB	33 - 8
TIX94	TIIB	37 - 27
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TK105	SSCF	20 - 38
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TM507S	SSCF	18 - 98
TM510	SSCF	18-107
TM1004	SSCF	22 - 31
TM1007S	SSCF	22 - 50
TM1010	SSCF	22 - 68
TM2004	SSCF	27 - 26
TM2007S	SSCF	27 - 45
TM2010	SSCF	27 - 64
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TM3007S	SSCF	32 - 1
TM3010	SSCF	32 - 14
TM4004	SSCF	35-107
TM4007S	SSCF	36 - 13
TM4010	SSCF	36 - 31
TM5004	SSCF	39 - 79
TM5010	SSCF	39 - 99
TM6004	SSCF	42 - 66
TM6010	SSCF	42 - 86
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TM7010	SSCF	46 - 12
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TP10	SAR	63 - 1
TP20	SAR	63 - 16
TP30	SAR	63 - 28
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TP504	SSCF	19 - 1
TP506	SSCF	19 - 30
TP1004	SSCF	22 - 73
TP1006	SSCF	23 - 2
TP2004	SSCF	27 - 69
TP2006	SSCF	27-108
TP3004	SSCF	32 - 19
TP3006	SSCF	32 - 57
TP4004	SSCF	36 - 36
TP4006	SSCF	36 - 76
TP5004	SSCF	39-100
TP5006	SSCF	40 - 14
TP6004	SSCF	42 - 87
TP6006	SSCF	42-108
TP8004	SSCF	48 - 64
TP8006	SSCF	48 - 85
TPS20	TEC	62 - 83
TPS50	TEC	62-101
TPS100	TEC	none
Repl.by RTPC0110 Cur.		
TPS150	TEC	none
Repl.by RTPC0115 Cur.		
TPS200	TEC	none
Repl.by RTPC0120 Cur.		
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TR515	SSCF	19 - 90
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TRA1	SSCF	22 - 69
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TRAL116	SSCF	59 - 39
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TRAL220	SSCF	60 - 10
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TRAL226	SSCF	60 - 2
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TS511-6	WGN	54 - 73
TS555A	WGN	24-100
TS555B	WGN	30 - 44
TS555C	WGN	35 - 49
TS555D	WGN	39 - 52
TS555E	WGN	44 - 26
TS555F	WGN	21 - 27
TS555G	WGN	26 - 58
TS555H	WGN	33 - 72
TS555M	WGN	48 - 13
TS555N	WGN	52 - 43
TS555P	WGN	54 - 94
TS555PA	WGN	55 - 89
TS555PB	WGN	56 - 58
TS555PC	WGN	57 - 10
TS555S	WGN	50 - 93
TS555T	WGN	53 - 4
TS556A	WGN	24-101
TS556B	WGN	30 - 45
TS556C	WGN	35 - 50
TS556D	WGN	39 - 53
TS556E	WGN	44 - 27
TS556F	WGN	21 - 28
TS556G	WGN	26 - 59
TS556H	WGN	33 - 73
TS556M	WGN	48 - 14
TS556N	WGN	52 - 44
TS556P	WGN	54 - 95
TS556PA	WGN	55 - 90
TS556PB	WGN	56 - 59
TS556PC	WGN	57 - 11
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TSC40F	WGN	19-109
TSC40G	WGN	25-101
TSC40H	WGN	31- 9
TSC40U	WGN	17- 81
TSC45A	WGN	24- 96
TSC45B	WGN	30- 41
TSC45C	WGN	35- 46
TSC45D	WGN	39- 48
TSC45E	WGN	44- 24
TSC45F	WGN	21- 23
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TSC45H	WGN	33- 69
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TSC150PC	WGN	57- 17
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TSC150T	WGN	53- 26
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TSK50-02	SEKG	26- 48
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TSK50-06	SEKG	39- 59
TSK50-08	SEKG	45- 97
TSK50-10	SEKG	49- 80
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TSK65-02	SEKG	26- 49
TSK65-04	SEKG	34- 97
TSK65-06	SEKG	39- 62
TSK65-08	SEKG	45- 98
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TSK65-10	SEKG	50- 5
TSW21C	TEC	none
Repl.by RTC0306 Cur.		
TSW22C	TEC	none
Repl.by RTC0310 Cur.		
TSW23C	TEC	none
Repl.by RTC0320 Cur.		
TSW30	TEC	none
Repl.by RTGD0103 Obs.		
TSW30C	TEC	none
Repl.by RTC0303 Cur.		
TSW31	TEC	none
Repl.by RTGC0103 Obs.		
TSW31A	TEC	61- 17
TSW60	TEC	none
Repl.by RTGD0106 Obs.		

TYPE No.	MFRS	Pg&Line
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Repl.by RTC0306 Cur.		
TSW61	TEC	none
Repl.by RTGC0106 Obs.		
TSW61A	TEC	61- 43
TSW100	TEC	none
Repl.by RTGD0110 Obs.		
TSW100C	TEC	none
Repl.by RTC0310 Cur.		
TSW101	TEC	none
Repl.by RTGC0110 Obs.		
TSW101A	TEC	61- 54
TSW200	TEC	none
Repl.by RTGD0120 Obs.		
TSW200C	TEC	none
Repl.by RTC0320 Cur.		
TSW201	TEC	none
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TT2	SSCF	29- 77
TT3	SSCF	34- 21
TT4	SSCF	38- 63
TT05	SSCF	20- 47
TT5	SSCF	41- 78
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TT502	TEC	none
Repl.by RTD0320 Cur.		
TT503	TEC	none
Repl.by RTD0330 Cur.		
TT504	TEC	none
Repl.by RTD0340 Cur.		
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TY180NP3K2	ASES	34- 49
TY180NP4K2	ASES	38- 92
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TY180QP3K2	ASES	34- 50
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TY290SP10K2	ASES	53- 72
TY290SP12K2	ASES	55- 40
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TY490SP10K2	ASES	53- 83
TY490SP12K2	ASES	55- 50
TY490SP14K2	ASES	56- 99
TY490SP16K2	ASES	57- 76
TY490SP18K2	ASES	58- 1
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TYA290SP8K2	ASES	50- 51
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TYA490SP10K2	ASES	53- 84
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UCR20L	♦UNI	27- 27
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UCR50L	♦UNI	39- 80
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UF100C	♦UNI	15- 31
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UF200B	♦UNI	15- 42
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USN2N1915W	GESY	33-109
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VCS60	DII	16- 35
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W463F	TII	26- 83
W464A	TII	17- 14
W464B	TII	18- 1
W464C	TII	20- 97
W464D	TII	21- 79
W465A	TII	17- 13
W465B	TII	17-109
W465C	TII	20- 96
W465D	TII	21- 78
W466A	TII	17- 12
W466B	TII	17-108
W466C	TII	20- 94
W466D	TII	21- 77
W467	TII	20- 95
W468	TII	17-110
W469A	TII	17-100
W469B	TII	20- 85
W469C	TII	21- 69
W470A	TII	17- 99
W470B	TII	20- 84
W470C	TII	21- 68
W470D	TII	26- 69
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W496B	TII	61- 14
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W496D	TII	61- 52
W496E	TII	61- 92
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W497B	TII	61- 15
W497C	TII	61- 42
W497D	TII	61- 53
W497E	TII	61- 93
W498A	TII	18- 4
W498C	TII	21- 84
W498D	TII	26- 80
W498E	TII	18- 2
W498F	TII	20- 98
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WF10M	WSI	15- 62
WF15AM	WSI	15- 63
WF15M	WSI	15- 64
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WF20A	WSI	15- 72
WF20AM	WSI	15- 73
WF20B	WSI	15- 76
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WF50	WSI	16- 8
WF50A	WSI	16- 9
WF50AM	WSI	16- 10
WF50B	WSI	16- 13
WF50M	WSI	16- 11
WF100	WSI	16- 16
WF100A	WSI	16- 17
WF100AM	WSI	16- 18
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WF200B	WSI	16- 27
WF200M	WSI	16- 26
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	INRJ	
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	INRJ	
X1RC7	INR	21- 33
INRB	INRI	
	INRJ	
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INRB	INRI	
	INRJ	
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INRB	INRI	
	INRJ	
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YST301QP6K3	♦ASES	45- 74
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YST302QP4K3	♦ASES	38-108
YST302QP6K3	♦ASES	45- 64
YST801SP8K2	♦ASES	50- 79
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YST801SP14K2	♦ASES	57- 4
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ZJ244E	GESY	40-104
ZJ244F	GESY	19-107
ZJ244G	GESY	25- 99
ZJ244H	GESY	31- 7
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ZJ253F	GESY	19-110
ZJ255A	GESY	23-103
ZJ255B	GESY	28-100
ZJ255C	GESY	33- 53
ZJ255D	GESY	37- 80
ZJ255F	GESY	20- 1
ZJ260E	GESY	41- 56
ZJ260M	GESY	44- 80
ZJ260N	GESY	49- 93
ZJ260P	GESY	53- 28
ZJ260PA	GESY	54- 21
ZJ260S	GESY	47- 27
ZJ260T	GESY	51- 65
ZJ271AX3	GESY	none
Repl.by C154A Cur.		
ZJ271AX4	GESY	none
Repl.by C155A Cur.		
ZJ271BX3	GESY	none
Repl.by C154B Cur.		
ZJ271BX4	GESY	none
Repl.by C155B Cur.		
ZJ271CX3	GESY	none
Repl.by C154C Cur.		
ZJ271CX4	GESY	none
Repl.by C155C Cur.		
ZJ271DX3	GESY	none
Repl.by C154D Cur.		
ZJ271DX4	GESY	none
Repl.by C155D Cur.		
ZJ271EX3	GESY	none
Repl.by C154E Cur.		
ZJ271EX4	GESY	none
Repl.by C155E Cur.		

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△-Registered with JEDEC by this manufacturer

2.DIODES:DIACS AND SHOCKLEY DIODES

IN ORDER OF(1)USE CODE(2)MAX.FWD.SW.VOLT. (3)REV.VOLT.(4)MAX.REP.ON-ST.CUR.(5)TYPE No.

LINE No.	5 TYPE No.	1 USE CODE	FORWARD SWITCHING VOLTAGE: VS 2 MAX (V)	MIN. (V)	3 REV VOLT. VSYM/ VRRM (V)	4 MAXIMUM REPETITIVE ON-STATE CURRENT ITRM @ (A)	TEMP (°C)	PULSE WIDTH (s)	REP RATE (Hz)	MAX. HOLD CUR. IH (A)	MAXIMUM SWITCH. CURRENT IS@VS (A)	MINIMUM BREAKBACK VOLTAGE ΔVT (V)	@IT (A)	TYP. SW. TIME Ton (s)	SURGE CURRENT ITSM (A)	@PULSE WIDTH (s)	OPER TEMP RNGE CODE - +	LEAD CODE	DRAWING No.
1	STD28	DAC	28			2.0m$	25					23 Δ			1.0		XA		AX1a
2	STD30	DAC	30			2.0m$	25					25 Δ			1.0		XA		AX1a
3	BDW26	DAC	30			1.0	25										XF		DO7
4	13D1	DAC	30		30	200m$	25			1.5m	500u	25 Δ	1.8	1.0u	5.0		XF§		TO18
5	13E1	DAC	30		30	200m$	25			1.5m	500u	25 Δ	1.8	1.0u	5.0		XF§		TO18
6	STD33	DAC	33			2.0m$	25					28 Δ			1.0		XA		AX1a
7	STD36	DAC	36			2.0m$	25					31 Δ			1.0		XA		AX1a
8	BDW32	DAC	36			1.0	25										XF		DO7
9	STD39	DAC	39			2.0m$	25					34 Δ			1.0		XA		AX1a
10	BDW38	DAC	42			1.0	25										XF		DO7
11	STD43	DAC	43			2.0m$	25					38 Δ			1.0		XA		AX1a
12	UF40C	DAC	44	36	44	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
13	UF40B	DAC	46	34	46	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
14	STD47	DAC	47			2.0m$	25					42 Δ			1.0		XA		AX1a
15	UF40A	DAC	48	32	48	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
16	STD51	DAC	51			2.0m$	25					46 Δ			1.0		XA		AX1a
17	STD56	DAC	56			2.0m$	25					51 Δ			1.0		XA		AX1a
18	UF55C	DAC	60	49	60	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
19	STD62	DAC	62			2.0m$	25					57 Δ			1.0		XA		AX1a
20	UF55B	DAC	63	53	63	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
21	UF55A	DAC	66	44	66	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
22	STD68	DAC	68			2.0m$	25					63 Δ			1.0		XA		AX1a
23	STD75	DAC	75			2.0m$	25					70 Δ			1.0		XA		AX1a
24	STD82	DAC	82			2.0m$	25					77 Δ			1.0		XA		AX1a
25	UF75C	DAC	82	67	82	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
26	UF75B	DAC	86	64	86	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
27	UF75A	DAC	90	60	90	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
28	STD91	DAC	91			2.0m$	25					86 Δ			1.0		XA		AX1a
29	STD100	DAC	100			2.0m$	25					95 Δ			1.0		XA		AX1a
30	STD110	DAC	110			2.0m$	25					100 Δ			1.0		XA		AX1a
31	UF100C	DAC	110	90	110	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
32	UF100B	DAC	115	85	115	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
33	UF100A	DAC	120	80	120	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
34	UF130C	DAC	143	117	143	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
35	UF130B	DAC	149	120	149	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
36	UF130A	DAC	156	104	156	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
37	UF160C	DAC	176	144	176	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
38	UF160A	DAC	182	128	182	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
39	UF160B	DAC	184	136	184	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
40	UF200A	DAC	220	180	220	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
41	UF200C	DAC	220	180	220	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
42	UF200B	DAC	230	170	230	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
43	UF250C	DAC	275	225	275	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
44	UF250B	DAC	287	212	287	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
45	UF250A	DAC	300	200	300	1.5 $	25			50m	100u	1.0	750m	500n	15		6C*	♦	A146
46	TBS30C	DAC	370		370	2.0m$	75			50m	10m	75	1.5		60 §		XF		DO5
47	TBS30B	DAC	370		370	3.0m$	100			50m	10m	125	1.5		60 §		XF		DO5
48	TBS30A	DAC	370		370	5.0m$	100			50m	10m	125	1.5		60 §		XF		DO5
49	TBS20B	DAC	400	200	400	3.0m$	100C			25m	3.0m$	1.5 Δ	7.0	5.0u	60 §		6F*		S157
50	TBS20BS	DAC	400	200	400	3.0m$	100C			25m	3.0m$	1.5 Δ	7.0	5.0u	60 §		6F*		S157
51	TBS20A	DAC	400	200	400	5.0m$	100C			25m	5.0m$	1.5 Δ	7.0	5.0u	60 §		6F*		M128
52	TBS20AS	DAC	400	200	400	5.0m$	100C			25m	5.0m$	1.5 Δ	7.0	5.0u	60 §		6F*		M128
53	TBS50CS	DAC	400	200	400	10 Δ	100			30m	30m				135		6H§		DO5
54	TBS40BS	DAC	400	200	400	15 Δ	100			30m	30m				135		6H§		DO5
55	TBS40AS	DAC	400	200	400	20 Δ	100			30m	30m				135		6H§		DO5
56	WF5AM	FLD	9.0	1.0	5.0	150m$	25			15m	125u	1.2 Δ		200n	10		6F*	♦	A31e
57	WF5M	FLD	9.0	1.0	5.0	150m$	25			45m	125u	1.2 Δ		200n	10		6F*	♦	A31e
58	M4L2052	FLD	10		10	500m$	25			15m		1.5		60n	100		XA§		A1ay
59	M4L2053	FLD	11		11	500m$	25			15m		1.5		60n	100		XA§		A1ay
60	M4L2054	FLD	12		12	500m$	25			15m		1.5		60n	100		XA§		A1ay
61	WF10AM	FLD	14	6.0	10	150m$	25			15m	125u	1.2 Δ		200n	10		6F*	♦	A31e
62	WF10M	FLD	14	6.0	10	150m$	25			45m	125u	1.2 Δ		200n	10		6F*	♦	A31e
63	WF15AM	FLD	19	11	15	150m$	25			15m	125u	1.2 Δ		200n	10		6F*	♦	A31e
64	WF15M	FLD	19	11	15	150m$	25			45m	125u	1.2 Δ		200n	10		6F*	♦	A31e
65	M4L20-28	FLD	24	16	10	70m$	25A			45m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
66	M4L20-3	FLD	24	16	10	70m$	25A			6.0m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
67	M4L20-8	FLD	24	16	10	70m$	25A			15m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
68	M4L20M28	FLD	24	16	10	70m$	25A			45m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
69	M4L20M3	FLD	24	16	10	70m$	25A			6.0m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
70	M4L20M8	FLD	24	16	10	70m$	25A			15m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
71	WF20	FLD	24	16	20	150m$	25			45m	125u	1.2 Δ		200n	10		6F*	♦	A31e
72	WF20A	FLD	24	16	20	150m$	25			15m	125u	1.2 Δ		200n	10		6F*	♦	A31e
73	WF20AM	FLD	24	16	20	150m$	25			15m	125u	1.2 Δ		200n	10		6F*	♦	A31e
74	WF20M	FLD	24	16	20	150m$	25			45m	125u	1.2 Δ		200n	10		6F*	♦	A31e
75	M4L20A	FLD	26	14	10	85m$	25A			60m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
76	WF20B	FLD	26	14	20	150m$	25			60m	125u	1.2 Δ		200n	10		6F*	♦	A31e
77	M4L30M28	FLD	34	26	10	70m$	25A			45m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
78	M4L30-28	FLD	34	26	15	70m$	25A			45m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
79	M4L30-3	FLD	34	26	15	70m$	25A			6.0m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
80	M4L30-8	FLD	34	26	15	70m$	25A			15m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
81	M4L30M3	FLD	34	26	15	70m$	25A			6.0m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
82	M4L30M8	FLD	34	26	15	70m$	25A			15m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
83	4EP30-3	FLD	34	26	18	150m$	25A			6.0m	125u	1.2 Δ		100n			46§	♦	AX1c
84	4EP30-8	FLD	34	26	18	150m$	25A			15m	125u	1.2 Δ		100n			46§	♦	AX1c
85	4EP30-28	FLD	34	26	18	150m$	25A			45m	125u	1.2 Δ		100n			46§	♦	AX1c
86	4EP30M3	FLD	34	26	18	150m$	25A			6.0m	125u	1.2 Δ		100n			46§	♦	AX1c
87	4EP30M8	FLD	34	26	18	150m$	25A			15m	125u	1.2 Δ		100n			46§	♦	AX1c
88	4EP30M28	FLD	34	26	18	150m$	25A			45m	125u	1.2 Δ		100n			46§	♦	AX1c
89	WF30	FLD	34	26	30	150m$	25			45m	125u	1.2 Δ		200n	10		6F*	♦	A31e
90	WF30A	FLD	34	26	30	150m$	25			15m	125u	1.2 Δ		200n	10		6F*	♦	A31e
91	WF30AM	FLD	34	26	30	150m$	25			15m	125u	1.2 Δ		200n	10		6F*	♦	A31e
92	WF30M	FLD	34	26	30	150m$	25			45m	125u	1.2 Δ		200n	10		6F*	♦	A31e
93	MT32	FLD	36	28		150m$	50A				150u	6.0	10m		2.0		6F§		DO7
94	M4L30A	FLD	36	24	15	85m$	25A			60m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
95	4EP30A	FLD	36		18	150m$	25A				125u	1.2 Δ		100n			46§	♦	AX1c
96	43	FLD	36	24	20	1.0 $	40			20m	15m	2.0 Δ	1.0	100n	30		4C*		A3c
97	WF30B	FLD	36	24	30	150m$	25			60m	125u	1.2 Δ		200n	10		6F*	♦	A31e
98	WF34E	FLD	40	28	34	150m$	25			60m	125u	1.2 Δ		200n	10		6F*	♦	A31e
99	M4L40-28	FLD	44	36	20	70m$	25A			45m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
100	M4L40-3	FLD	44	36	20	70m$	25A			6.0m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
101	M4L40-8	FLD	44	36	20	70m$	25A			15m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
102	M4L40M28	FLD	44	26	20	180m$	25A			45m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
103	M4L40M3	FLD	44	36	20	180m$	25A			6.0m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
104	M4L40M8	FLD	44	36	20	180m$	25A			15m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
105	WF40	FLD	44	36	40	150m$	25			45m	125u	1.2 Δ		200n	10		6F*	♦	A31e
106	WF40A	FLD	44	36	40	150m$	25			15m	125u	1.2 Δ		200n	10		6F*	♦	A31e
107	WF40AM	FLD	44	36	40	150m$	25			15m	125u	1.2 Δ		200n	10		6F*	♦	A31e
108	WF40M	FLD	44	36	40	150m$	25			45m	125u	1.2 Δ		200n	10		6F*	♦	A31e
109	M4L40A	FLD	46	34	20	180m$	25A			60m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
110	WF40B	FLD	46	34	40	150m$	25			60m	125u	1.2 Δ		200n	10		6F*	♦	A31e

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

2.DIODES:DIACS AND SHOCKLEY DIODES

IN ORDER OF(1)USE CODE(2)MAX.FWD.SW.VOLT. (3)REV.VOLT.(4)MAX.REP.ON-ST.CUR.(5)TYPE No.

LINE No.	[5] TYPE No.	[1] USE CODE	FORWARD SWITCHING VOLTAGE: VS [2] MAX (V)	MIN. (V)	[3] REV VOLT. VSYM/ VRRM (V)	[4] MAXIMUM REPETITIVE ON-STATE CURRENT ITRM @ (A)	TEMP (°C)	PULSE WIDTH (s)	REP RATE (Hz)	MAX. HOLD CUR. IH (A)	MAXIMUM SWITCH. CURRENT IS@VS (A)	MINIMUM BREAKBACK VOLTAGE ΔVT (V)	@IT (A)	TYP. SW. TIME Ton (s)	SURGE CURRENT ITSM (A)	@PULSE WIDTH (s)	OPER TEMP RNGE CODE - +	LEAD CODE	DRAWING No.
1	44	FLD	48	32	30	1.0 $	40			20m	15m	2.0 Δ	1.0	100n	30		4C*		A3c
2	M4L50-28	FLD	54	46	25	70m$	25A			45m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
3	M4L50-3	FLD	54	46	25	70m$	25A			6.0m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
4	M4L50-8	FLD	54	46	25	70m$	25A			15m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
5	M4L50M3	FLD	54	46	25	70m$	25A			6.0m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
6	M4L50M8	FLD	54	46	25	70m$	25A			15m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
7	4G50	FLD	54	46	30	5.0 $	50A			50m	250u			100n	75		46§		S52
8	WF50	FLD	54	46	50	150m$	25			45m	125u	1.2 Δ		200n	10		6F*	♦	A31e
9	WF50A	FLD	54	46	50	150m$	25			15m	125u	1.2 Δ		200n	10		6F*	♦	A31e
10	WF50AM	FLD	54	46	50	150m$	25			15m	125u	1.2 Δ		200n	10		6F*	♦	A31e
11	WF50M	FLD	54	46	50	150m$	25			45m	125u	1.2 Δ		200n	10		6F*	♦	A31e
12	M4L50A	FLD	56	44	25	85m$	25A			60m	125u	1.2 Δ	70m		10	50u	6F§	♦	DO7
13	WF50B	FLD	56	44	50	150m$	25			60m	125u	1.2 Δ		200n	10		6F*	♦	A31e
14	46	FLD	72	48	40	1.0	40			20m	15m	2.0 Δ	1.0	100n	30		4C*		A3c
15	4G100	FLD	110	100	60	5.0 $	50A			50m	250u			100n	75		46§		S52
16	WF100	FLD	110	90	100	150m$	25			45m	125u	1.2 Δ		200n	10		6F*	♦	A31e
17	WF100A	FLD	110	90	100	150m$	25			15m	125u	1.2 Δ		200n	10		6F*	♦	A31e
18	WF100AM	FLD	110	90	100	150m$	25			15m	125u	1.2 Δ		200n	10		6F*	♦	A31e
19	WF100M	FLD	110	90	100	150m$	25			45m	125u	1.2 Δ		200n	10		6F*	♦	A31e
20	410	FLD	120	80	80					500u⍁	500u	2.0 Δ	1.0	100n	50		4C*		A3c
21	WF100B	FLD	130	70	100	150m$	25			60m	125u	1.2 Δ		200n	10		6F*	♦	A31e
22	WF200	FLD	180	220	200	150m$	25			45m	125u	1.2 Δ		200n	10		6F*	♦	A31e
23	WF200A	FLD	180	220	200	150m$	25			15m	125u	1.2 Δ		200n	10		6F*	♦	A31e
24	4G200	FLD	220	180	120	5.0 $	50A			50m	250u			100n	75		46§		S52
25	WF200AM	FLD	220	180	200	150m$	25			15m	125u	1.2 Δ		200n	10		6F*	♦	A31e
26	WF200M	FLD	220	180	200	150m$	25			45m	125u	1.2 Δ		200n	10		6F*	♦	A31e
27	WF200B	FLD	230	170	200	150m$	25			60m	125u	1.2 Δ		200n	10		6F*	♦	A31e
28	420	FLD	240	160	120					500u⍁	500u	2.0 Δ	1.0	100n	50		4C*		A3c
29	430	FLD	360	240	180					500u⍁	500u	2.0 Δ	1.0	100n	50		4C*		A3c
30	440	FLD	480	320	240					500u⍁	500u	2.0 Δ	1.0	100n	50		4C*		A3c
31	VCS40	FLD	560	400	560	1.5 $	180			20m	20u	1.2 Δ	1.0		15		6C§		A193
32	450	FLD	600	400	300					500u⍁	500u	2.0 Δ	1.0	100n	50		4C*		A3c
33	VCS50	FLD	670	500	670	1.5 $	180			20m	20u	1.2 Δ	1.0		15		6C§		A193
34	460	FLD	720	480	360					500u⍁	500u	2.0 Δ	1.0	100n	50		4C*		A3c
35	VCS60	FLD	780	600	780	1.5 $	180			20m	20u	1.2 Δ	1.0		15		6C§		A193
36	470	FLD	840	560	420					500u⍁	500u	2.0 Δ	1.0	100n	50		4C*		A3c
37	VCS70	FLD	890	700	890	1.5 $	180			20m	20u	1.2 Δ	1.0		15		6C§		A193
38	480	FLD	960	640	480					500u⍁	500u	2.0 Δ	1.0	100n	50		4C*		A3c
39	VCS80	FLD	1.0k	800	1.0k	1.5 $	180			20m	20u	1.2 Δ	1.0		15		6C§		A193
40	VCS90	FLD	1.1k	900	1.1k	1.5 $	180			20m	20u	1.2 Δ	1.0		15		6C§		A193
41	4100	FLD	1.2k†							50m		2.0 Δ		1.0u	30		4C*		A3c

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	HR1870B		.50	25A	20u	.60	2.0m	100n	25	2.0	2.0				100	15	XF*		TO9
2	C291G☑		470	66C	150m	3.0	100m	15m	125J	1.2 †	500	5.0u	5.0	100u§	100 §	5.5k			
3	K46B15	15	200m	25	200u	800m	2.0m	100u	100A	1.5	200m					10	XA☑		TO46
4	C6201	15	.20	75A	200u	.80	5.0m	100u	100	1.5	.20						XF		MU1
5	RTH0601	15	200m	80C	20u	700m	2.0m	20u	125	1.2	200m	200n	200m		100	5.0	XC☑		MU19
6	RTH0501	15	200m	80C	20u	800m	5.0m	20u	125	1.3	200m	200n	200m		100	5.0	XC☑		MU19
7	RTH0401	15	200m	80C	100u	800m	5.0m	100u	125	1.5	200m	200n	200m		100	5.0	XC☑		MU19
8	RTH0101	15	200m	80C	200u	1.0	5.0m	100u	100	1.5	200m	200n	200m		100	5.0	XA☑		MU19
9	RTH0301	15	200m	80C	200u	1.0	10m	500u	125	1.5	200m	200n	200m		100	5.0	XC☑		MU19
10	RTH0201	15	200m	80C	1.0m	1.0	10m	1.0m	125	2.5	200m	200n	200m		100	5.0	XC☑		MU19
11	SYL4312	15	.25	25§			2.5m					100u		2.0m					TO46
12	W466A	15	250m	75	20u		2.0mØ	50u	150	1.5		800n		1.6u		6.0	XF		TO18
13	W465A	15	250m	75	200u		2.0mØ	50u	150	1.5		100n		2.0u		6.0	XF		TO18
14	W464A	15	250m	75	2.0m		5.0mØ	50u	150	1.5		100n		2.0u		6.0	XF		TO18
15	W463A	15	350m	100	2.0m		10m	200u	125	1.5		50u		20u		6.0	XC		TO18
16	3F15	15	.35	100	2.0m	1.5	10m	.01m	25	1.5	.20	.40u	.50	10u		5.0	XF		TO18
17	3G15	15	350m	100	2.0m	1.5	10m	10u	25	1.5	200m	400n	500m	10u		5.0	XF		A88
18	3K15	15	.50	100A§	.20m	1.0		.05m	150	1.5	1.0	.08u							TO18
19	3J15	15	.50	100	2.0m	1.5	10m	.10u	25	1.5	1.0	.10u	1.0	.20u		5.0	XF		TO18
20	RTF0601	15	1.0	80C	20u	700m	2.0m	20u	125	1.3	1.0	200n	1.0		100	15	XC☑		TO5
21	RTF0501	15	1.0	80C	20u	800m	3.0m	20u	125	1.3	1.0	200n	1.0		100	15	XC☑		TO5
22	RTF0401	15	1.0	80C	100u	800m	5.0m	100u	125	1.4	1.0	200n	1.0		100	15	XC☑		TO5
23	RTF0101	15	1.0	80C	200u	1.0	5.0m	100u	100	1.5	1.0	200n	1.0		100	15	XA☑		TO5
24	RTF0301	15	1.0	80C	200u	1.0	10m	500u	125	1.5	1.0	200n	1.0		100	15	XC☑		TO5
25	RTF0201	15	1.0	80C	1.0m	1.0	10m	1.0m	125	2.5	1.0	200n	1.0		100	15	XA☑		TO5
26	3B1034	15	1.0	100C	2.0m	2.0			125C	2.0	1.0					20 *§	XF*		TO9
27	FT1869	15 △	1.25	100C	.20m	.80	5.0m	.10m△	125C	2.5 †	2.0				100 Ø	20 *§	XF§		TO5
28	3B3015	15	3.0	85C	.20m	.80	10m	.01m	25	1.8	3.0				50	15	XF☑		SC38
29	C106Q	15	4.0		200u	800m	3.0m	10u	25	2.2	4.0 †	1.2	1.0	100u	8.0 Ø	20	XB*		
30	TC106Q1	15	4.0 △	75C	200u	800m	3.0m	10u	25	2.2	4.0 †	1.0u	1.0	100u	100	20	XF%		RD45
31	X1RC2	20	1.5	25§	25m	3.0		18mØ		1.2	1.0					15	XC%		S151
32	3RC2	20 ☑	4.7 △	92C	15m	2.0	5.0mØ	4.5m	105C	2.0	9.4 †					30 △	6A§	AF	TO64
33	5RC2	20 ☑	7.4 △	60C	15m	2.0	5.0mØ	4.5m	105C	1.9	15 †	2.5u	60		20	60 △	6A§	AF	TO64
34	10RC2	20 ☑	16 △	65C	40m	3.0	10mØ	6.5mØ	105C	2.3 †	31					125 △	6A§	AF	TO48
35	C9U	25	1.1	18A	8.0m	2.0	20m	4.0mØ	125J	1.1 Ø	1.1			12u		30 §	XC§		RD16
36	FT2009	25 △	1.3	80C	.20m	1.0	5.0m§	.10m	125C	2.0	1.0					15 §*	XF§		TO5
37#	GCO201	25	1.4	25A	25m	3.0	50mØ	1.0m		2.0	1.0					3.0	XA☑		TO5
38#	CR1-021C	25 †	1.6	25C	10m	3.0	1.9m	1.0m	100J	2.0	1.0	1.4u	1.0			15	XA*		TO5
39#	SF1Z11A	25	1.6	62C	1.0m	800m	10m	100u	100J	3.4	10					17	XF§		TO5
40	C6211	25	1.6	85C	200u	.80	2.0m	100u	125	1.5	1.6						XF		MU1a
41#	SF1Z11	25	1.6	89C	1.0m	800m	10m	100m	125C	3.4	10					17	XC§		
42#	CR4.021A	25	4.0	25A												42	XA§		S32
43#	CR5-021B	25 †	6.0	95C	80m	3.0	150m	10m	125C	3.0	5.0	2.0u	5.0	12u			XC☑	AF	TO48
44#	GCO205	25	7.0	25A	100m	3.0	100mØ	1.5m		2.0	5.0					35	XA§	AF	TO48
45#	SF5Z11	25	8.0	24	20m	2.0		9.0m	125J	2.0	20					60	XC§	AF	SC40
46#	CR8.021A	25	8.0	25A												85	XA§		S32
47	MCR1305R1	25	8.0	63C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		S190a
48	MCR1304R1	25	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		C64a
49	MCR1305-1	25	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	100	XA§		S190
50	MCR1604R1	25	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		C65a
51	MCR1605R1	25	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		M225a
52	MCR1304-1	25	8.0	70C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	100	XA§		C64
53	NCR022D	25	8.0	80B§	25	3.0											XA*		S222
54#	2SF321A	25	8.0	108	20m	2.0		9.0m	150J	2.0	20					60	XF§	AF	SC22a
55#	CR10A	25 ☑	10	20A	70m	3.5	13m§	13mΔ	100J	1.3 Ø	10			20u		100	XA*		S176
56	NCR025D	25	10	25C§				5.0m	25C	1.2	10							AD	SC4
57#	SCR51	25	10	25A	25m§	3.5	20m§	22mØ	100J	1.2	16	4.5u§	50	20u§		120	XA*	AF	SC12
58#	SS1002	25	10	40A	50m	3.0	3.0m	6.5mØ	25A	1.5 △	10	3.5u	10	15u		50	XC%		S118
59	RTV0102	25	10	65C	50m	3.0	200m	2.0m	100	2.5	30	.20u	10		100	100	XA☑	AF	SC18
60	RTV0402	25	10	65C	50m	3.0	200m	2.0m	125	2.5	30	.20u	10		100	100	XC☑	AF	SC18
61#	CS22B	25	11.7	80B	50m	2.5	25m	10m	100J	2.2 △	30	2.0u		20u	20	125	XA§		S159
62#	SS2002	25 ☑	14.5	40A	60m	3.0	50m	10mØ	100J	1.2 △	20	2.5u	20	10u			XA§		S119
63#	2SF71	25	15	25C	50m	3.0		22.m	100C	1.2 △	7.0					100	XA	AF	SC11
64#	CR16A	25 ☑	16	20A	70m	3.0	13m§	13mΔ	100J	1.0 Ø	16			20u		100	XA*		S176
65#	SCR71	25	16	25A	25m§	3.0	10m§	6.5m	125J	860m	16	4.5u§	50	20u§		140	XC*	AF	SC12
66#	SF10Z11	25	16	26	80m	3.5		45m	100C	3.0	50					113.	XA§	AD	SC4
67	RTV0302	25	16	65C	25m	2.0	50m	1.0m	100	2.0	50	.20u	16		100	150	XA☑	AF	SC18
68	RTV0602	25	16	65C	25m	2.0	50m	1.0m	125	2.0	50	.20u	16		100	150	XC☑	AF	SC18
69	RTV0202	25	16	65C	50m	3.0	200m	2.0m	100	2.5	50	.20u	16		100	150	XA☑	AF	SC18
70	RTV0502	25	16	65C	50m	3.0	200m	2.0m	125	2.5	50	.20u	16		100	150	XC☑	AF	SC18
71	MCR1308-1	25 ☑	18	47C	50m	1.5	8.0mØ	5.0m†Δ	100J	1.5 △	18 §	1.0u	18	12u§	30 △	225 △	XA§		S192☑
72	MCR808-1	25 ☑	18	57C	50m	1.5	8.0mØ	5.0m†Δ	100J	1.5 △	18 §	1.0u	18	12u§	30 △	225 △	XA§		M90☑
73#	CS21B	25	19	70B	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20u	20	200	XA§		S159
74#	CS32B	25	19.5	75B	50m	2.5	25m	20m	100J	1.8 △	50	2.0u		20u	20	360	XA§		S80
75	MCR2918-1	25 △	20 △	63C	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240 △	XA§	AF	SC18
76	MCR2818-1	25 △	20	100J	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240	XA§	AD	RD21
77	MCR2819-1	25 △	20	100J	40m	1.5	50m	5.0m	100J	1.5 △	20	1.0u	20	15u	50 Ø§	240	XA§	AF	SC18
78#	SF16Z11	25	25	57	40m	3.0		13m	125C	1.9	50					135	XC§	AD	SC4
79#	CS31B	25	32	70B	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	580	XA§		S80
80	ZJ244U	25	35	25C	40m	1.7	50m	13m	150J	2.1	50	1.5u	10	24u	30	150	XF☑	AF	TO48
81	TSC40U	25	35	25	80m§	3.0 §		6.5mØ	125C	2.2 §	16			12u		150	XC☑	AF	TO48
82	NLC38U	25	35	90C	40m	2.5	80m	5.0m	150J	2.0	50	1.4u	5.0	24u	20	200	XF§	AF	TO48
83	MCR2835-1	25 △	35	100J	40m	1.5	50m	5.0m	100J	1.5	35	1.0u	35	15u	50 Ø§	325	XA§	AD	RD21
84	MCR2935-1	25 △	35	100J	40m	1.5	50m	5.0m	100J	1.5	35	1.0u	35	15u	50 Ø§	325	XA§	AF	SC18
85#	5TC025	25	50	100J	45m	3.0	20m			1.3	50	5.0u	50	25u		500	XA§	BX	SC32
86#	SCR111	25	70	100B				6.5m	25	1.2						1.0k	XF		S58
87	NLC62U	25	70	103C	70m	2.5	.10	8.0m	150J	2.5	500	5.0u	50	50u		1.6k	XF§	AF	TO83
88#	CR80.021	25	80	75B§						2.5							XA§		M30
89#	CS41B	25	85	70B	100m	2.5	60m	20m	100J	2.2 △	220	2.0u		20u	20	1.0k	XA§		M129
90#	CR100.021	25	100	75B§						2.0							XA§	AF	M30
91#	70RC2	25	110	60B	70m	2.5	10mØ	6.5m	125B	1.8	70	4.5u	50	20u		1.0k	XCØ	BX	SC10
92	NL2N2023	25	110	87C	75m	3.0	100m	15m	150J	2.5	500	5.0u	50	50u	200	1.0k	XF§	AF	TO49
93#	20TC025	25	200	125J	100m	3.0	50m			1.5	200	5.0u	200	30u		2.5k	XC§		SC31
94#	2SF331	25	235	64	100m	2.0		25m	125J	1.5	500					3.2k	XC§		S136A
95	C80U	25	235	72B	125m	3.0	100m	8.0mΔ	125J	2.0 △	1.5k				4.0	3.5k	XC§		S89
96	SW11	30	150m	25	2.0m	1.0	10m	50u	125	2.0	150m						XC*		TO18
97	SYL4225	30	.20	25	.20m	.65	1.0m	.10m	125	1.5	.20	70u	.20				XF§		TO46
98	K46B30	30	200m	25	200u	800m	2.0m	100u	100A	1.5	200m					10	XA☑		TO46
99	W470A	30	200m	75	20u		2.0m	20u	150	1.5		150n		1.0u		6.0	XF		TO46
100	W469A	30	200m	75	200u		5.0m	20u	150	1.5		120n		1.0u		6.0	XF		TO46
101	C6202	30	.20	75A	200u	.80	2.0m	100u	100	1.5	.20						XF		MU1
102	RTH0603	30	200m	80C	20u	700m	2.0m	20u	125	1.2	200m	200n	200m		100	5.0	XC☑		MU19
103	RTH0503	30	200m	80C	20u	800m	5.0m	20u	125	1.3	200m	200n	200m		100	5.0	XC☑		MU19
104	RTH0403	30	200m	80C	100u	800m	5.0m	100u	125	1.5	200m	200n	200m		100	5.0	XC☑		MU19
105	RTH0103	30	200m	80C	200u	1.0	5.0m	100u	100	1.5	200m	200n	200m		100	5.0	XA☑		MU19
106	RTH0303	30	200m	80C	200u	1.0	10m	500u	125	1.5	200m	200n	200m		100	5.0	XC☑		MU19
107	RTH0203	30	200m	80C	1.0m	1.0	10m	1.0m	125	2.5	200m	200n	200m		100	5.0	XC☑		MU19
108	W466B	30	250m	75	20u		2.0mØ	50u	150	1.5		800n		1.6u		6.0	XF		TO18
109	W465B	30	250m	75	200u		2.0mØ	50u	150	1.5		100n		2.0u		6.0	XF		TO18
110	W468	30	250m	75	200u		1.0m	10u	125	1.5		70n				6.0	XF		TO46

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	W464B	30	250m	75	2.0m		5.0mØ	50u	150	1.5		100n		2.0u		6.0	XF		TO18
2	W498E	30	280m	55	20u		1.0m	20u	125	1.2		300n		10u		2.0	XC*		TO18
3	W498I	30	280m	55	200u		2.0m	10u	125	1.5		500n		10u		2.0	XC*		TO18
4	W498A	30	350m	55	20u		500u	100u	150	1.2		300n		10u		2.0	XC*		TO18
5	5A30	30	.35	100C	5.0u	.55	1.5m	100n	25	1.2	.20				20	10	XF☑		MU3
6	5L30☑	30	350m	100	20u	600m	10	100n	25	1.5	1.0	80n	1.0	200n		5.0	XF		RD18
7	W463B	30	350m	100	2.0m		10m	200u	125	1.5		50u		20u		6.0	XC		TO18
8	3F30☑	30	.35	100	2.0m	1.5	10m	.01m	25	1.5	.20	.40u	.50	10u		5.0	XF		TO18
9	3G30	30	350m	100	2.0m	1.5	10m	10u	25	1.5	200m	400n	500m	10u		5.0	XF		A88
10	4L30	30	.50	100	.02m	.60	10m	.10u	25	1.5	1.0	.08u	1.0	.20u		5.0	XF		TO46
11	HR3027	30	.50	100	.02m	.60	5.0m	.10u	25	1.5	1.0	.10u	1.0	.20u		30	XF		TO18
12	HR3030	30	.50	100	.20m	.80	2.0m	.10u	25	1.5	1.0	.08u	1.0	.20u		5.0	XF		TO18
13	4K30	30	.50	100	.20m	1.0	5.0m	.10u	25	1.5	1.0	.10u	1.0	.20u		30	XF		TO46
14	3J30	30	.50	100	2.0m	1.5	10m	.10u	25	1.5	1.0	.10u	1.0	.20u		5.0	XF		TO18
15	3C6030	30	.50	100C	10m	2.0	50m		125C	2.0	.20						XC*		TO9
16#	TAG0630	30	.60	55C	200u	.80	3.0m	50u	125	1.3	.60	100n	.80	10u		6.0	XF		TO18
17	3A3030	30	.80	100	10m	2.0	50m	.01m	25	2.5	.60	.50u	.50	5.0u		5.0	XF		TO9
18	3A3030A	30	.80	100	10m	2.0	50m	.01m	25	2.5	.50	.50u	.50	2.0u		5.0	XF		TO9
19	SCRJL03	30 ☑	1.0	25C	50m	2.0	50m	4.0u	100C	1.5	1.0	2.0u	1.0	30u§		60 §	XA§	AD	AX5
20	RTF0603	30	1.0	80C	20u	700m	2.0m	20u	125	1.3	1.0	200n	1.0		100	15	XC☑		TO5
21	RTF0503	30	1.0	80C	20u	800m	3.0m	20u	125	1.3	1.0	200n	1.0		100	15	XC☑		TO5
22	RTF0103	30	1.0	80C	200u	1.0	5.0m	100u	100	1.5	1.0	200n	1.0		100	15	XA☑		TO5
23	RTF0303	30	1.0	80C	200u	1.0	10m	500u	125	1.5	1.0	200n	1.0		100	15	XC☑		TO5
24	RTF0203	30	1.0	80C	1.0m	1.0	10m	1.0m	125	2.5	1.0	200n	1.0		100	15	XA☑		TO5
25	3B30S	30	1.0	100	2.0m	2.0		.01m	25	2.5	2.0	1.2u	.50	10u		6.0	XF		SC20
26	FT1870	30 △	1.25	100C	.20m	.80	5.0m	.10m△	125C	2.5 †	2.0				150 Ø	20 *§	XF§		TO5
27	FT1881	30 △	1.25	100C	2.0m	2.0	2.0m	.20m	125C	2.0 †	1.0				150 Ø	20 *§	XF§		TO5
28	HCR30P	30	1.4	80	10m		25m			2.0	1.4						XF§		TO5
29	X1RC3	30	1.5	25§	25m	3.0		18mØ		1.2	1.0					15	XC%		S151
30	ID600	30	1.6	70C	200u	800m	3.0m	100u	110	2.5	4.0	1.0	1.0	40u	20 Ø	15	XB*		TO39
31	SCRFL03	30 ☑	1.7	80C	15m	2.0	50m	4.0m	125C	1.2 △	1.0	2.0u§	1.0	12u§		60 §	XC§		AX5
32	3B3030	30	3.0	85C	.20m	.80	10m	.01m	25	1.8	3.0				50	15	XF☑		SC38
33	C106Y	30	4.0		200u	800m	3.0m	10u	25	2.2	4.0 †	1.2	1.0	100u	8.0 Ø	20	XB*		
34	TC106Y1	30	4.0 △	75C	200u	800m	3.0m	10u	25	2.2	4.0 †	1.0u	1.0	100u	100	20	XF%		RD45
35	SCR303	30 ☑	4.0	80C	10m	2.0	25m	1.0m△	125C	2.0 △	3.0	1.3u§	1.0	15u§		60 §	XF§	AF	SC6
36	SCRF503	30 ☑	7.0	60C	25m	2.0	50m	1.0m	125C	1.9 △	15	2.0u§	10	12u§		100 §	XC§	AF	SC17
37	SCRJ03	30 ☑	7.0	75C	25m	2.5	50m	2.0u△	105C	2.0 △	15	3.0u§	5.0	30u§		600 §	XA☑	AF	SC17
38	NL-C37U	30	25	37C	80m	3.5	20mØ	5.0m	105J	2.3 †	30	1.4u	5.0		50	175	XA§	AF	TO48
39	NL-C40U	30	35	20C	40m	3.0								12u	200		XC§	AF	TO48
40	SCRF1603	30 ☑	35	25C	40m	3.0	100m	6.0m△	125C	2.0	50	2.0u§	10	12u§		200 §	XC§	AF	TO48
41	NL-C45U	30	55	83C	70m	3.0	100m	8.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO83
42	NL-C46U	30	55	83C	70m	3.0	100m	8.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO49
43	TSC45U	30	55	85	125m	3.0	100m	8.0m	125	1.5	4.0	5.0u		30u	100	700	XC§	AF	SC8
44	TSC46U	30	55	85	125m	3.0	100m	8.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	TO49
45	NL-C52U	30	110	60C	70m	3.0	100m	8.0m	125J	2.5 †	500	5.0u	50	20u	200	1.0k	XC§	AF	TO83
46	TSC52U	30	110	60	125m	3.0	100m	8.0m	125	1.3	25	5.0u		30u	100	1.0k	XC§	AF	SC8
47	NL-C55U	30	110	78C	70m	3.0	100m	8.0m	125J	2.5 †	500	5.0u	50	20u	200	1.0k	XC§	AF	TO49
48	NL-C56U	30	110	78C	70m	3.0	100m	8.0m	125J	2.5 †	500	5.0u	50	20u	200	1.0k	XC§	AF	TO83
49#	BRY32	50 Ø	.175	25A	.50m	.80	2.0m	.05m†	25	1.6 †	.50	1.5u☑	.20	15u☑	75	4.0	XC§		TO46
50#	CR02A1	50 Ø	200m	40A	1.0m	1.0	2.0mØ	30m	125J	1.2 †	1.0					15	XC§		C114
51#	2SF1110	50 Ø	300m	30A	1.0m	800m		100u	110J	1.2	600m					10	4B§	AE	RD12
52#	CR02AM1	50 Ø	300m	30A	1.0m	800m		100u	110J	1.2	600m					10	4B§	AE	RD12
53#	DT10E	50	500m	25A§	2.0m	2.0	10m	100n	25A	1.5	150m						XA		TO5
54#	DT10F	50	500m	25A§	5.0m	2.0	25m	100n	25A	1.5	150m					100			TO5
55#	TDRA05	50	600m	25A	10m	3.0	20mØ	1.0m	125J	2.0	1.0	1.5u§	500m	20u§	50 Ø§	12			RD1a
56#	TD501J	50	600m	25A	20m	3.0	40mØ	1.0m	125J	2.0	1.0	1.5u§	500m	15u§	50 Ø§	12			RD1a
57#	T0.8N50	50	900m	85C	10m	3.0	25m	1.0m	125J	1.2	2.5	5.0u☑	1.0	25u	50 §	19 §	XC§		C41%
58#	SC70	50	1.0	25C	500u	.85	5.0m	5.0u	100	1.5 †	.25	2.2u	.20	20u		4.0	XC§		TO46
59	SCRJL05	50 ☑	1.0	25C	50m	2.0	50m	4.0m	100C	1.5	1.0	2.0u§	1.0	30u§		60 §	XA§	AD	AX5
60#	CS12C	50	1.0	60B	15m	2.5	12m	2.0m	100J	2.5	3.0	2.0u		20u	20		XA§		P2dØ
61#	TSi1/50	50	1.0	60C	25m	2.5	15m	.10m	25	1.6	1.0	2.0u	.40	20u	20	15	X4*		TO5
62#	T.75F50	50	1.0	60	25m	2.5	20m	1.0m	90J	2.0	1.0	2.0u	.40	20u	20	15	X4*		TO5
63	RTF0106	50	1.0	80C	200u	1.0	5.0m	100u	100	1.5	1.0	200n	1.0		100	15	XA☑		TO5
64	C9F	50	1.1	18A	8.0m	2.0	20m	4.0mØ	125J	1.1 Ø	1.1			12u		30 §	XC§		RD16
65	SCR10A	50 ☑	1.1	25C	15m	2.0	20m	4.0m△	125C	1.2 △	1.0	1.0u§	30	20u§		60 §	XC§		AX5
66	SCRF10A	50 ☑	1.1	25C	15m	2.0	50m	4.0m△	125C	1.2 △	1.0	2.0u§	1.0	6.0u§		60 §	XC§		AX5
67	FT2010	50 △	1.3	80C	.20m	1.0	5.0m§	.10m	125C	2.0	1.0					15 §*	XF§		TO5
68#	T0.8/50	50	1.4 Ø	20	10m	3.0	20m			1.0	6.0				25	15	XC		C41
69#	GC0501	50	1.4	25A	25m	3.0	50mØ	1.0m		2.0	1.0					3.0	XA☑		TO5
70	HCR50N	50	1.4	80	10m		25n			2.0	1.4						XF§		TO5
71	HCR50P	50	1.4	80	10m		25m			2.0	1.4						XF§		TO5
72	X1RC5	50	1.5	25§	25m	3.0		18mØ		1.2	1.0					15	XC%		S151
73#	1B15CL05	50	1.5	25	50m	50	70m	5.0u	25	2.5	4.0					30	XA		M315
74#	SF1A11A	50	1.6	62C	1.0m	800m	10m	100u	100J	3.4	10					17	XF§		TO5
75	ID601	50	1.6	70C	200u	800m	3.0m	100u	110	2.5	4.0	1.0	1.0	40u	20 Ø	15	XB*		TO39
76	NCM5A	50	1.6	80C§	10m	3.0		1.0m	125C	2.0 §	1.0			12 ☑		15 §	XA*		TO5
77	C6212	50	1.6	85C	200u	.80	2.0m	100u	125	1.5	1.6						XF		MU1a
78	K1038	50	1.6	85C	570u	2.7	3.0m	100u	100					20u	50	15			TO5
79#	SF1A11	50	1.6	89C	1.0m	800m	10m	100m	125C	3.4	10					17	XC§		
80	SCRFL05	50 ☑	1.7	80C	15m	2.0	50m	4.0m	125C	1.2 △	1.0	2.0u§	1.0	12u§		60 §	XC§		AX5
81#	CR2AM1	50 Ø	2.0 §	60C	1.0m	1.0		100u	110J	1.8	4.0					20	4B§	AC	MU26a
82#	SC50#	50 Ø	2.0	85C	500u	1.5	1.0mØ	2.0u	25	2.0 †	1.0	1.5u	2.0	30u		15	XF§		TO5
83#	SC60	50	2.0	85C	30m	1.2	25m	2.0m	100	2.0 †	2.0	1.5u	2.0	30u		15	XF§		TO5
84	SE9225	50 △	2.5	25C	.40m	.80	4.0m	1.5m†△	125C	2.5	4.0	.57u	5.0	15u	50	15 *§	XC☑		TO39
85#	TM504	50	2.5	25A	25m	3.0	30mØ	3.0m	110J	2.0	8.0	2.0u§	1.0	60u§	50 Ø§	50		AF	SC22d
86	NCR052B	50	3.0	80B§	50m	3.0		1.0m	125C	2.0 §	1.0					25 §	XA*	AF	SC3
87#	2SF660	50	3.0	85B	28m	2.1	6.0mØ	2.0m	100J	1.4	10					50	XA§		
88#	2SF665	50	3.0	85B	28m	2.1	6.0mØ	2.0m	100J	1.4	10					50	XA§		
89#	CR3E1	50 Ø	3.0	95C	20m	2.0		1.5m	125J	1.2 †	3.0					50	XC§		C115
90#	TAG3-50	50	3.2	75C	15m	2.0	25m	1.0m	105J	1.2 Ø	5.0					60	XA		TO66
91	C106F	50	4.0		200u	800m	3.0m	10u	25	2.2	4.0 †	1.2	1.0	100u	8.0 Ø	20	XB*		
92#	CR4.051A	50	4.0	25A												42	XA§		S32
93#	1B40CL05	50	4.0	25	50m	50	70m	5.0u	25	2.5	10					80	XA		M315
94	TC106F1	50	4.0 △	75C	200u	800m	3.0m	10u	25	2.2	4.0 †	1.0u	1.0	100u	100	20	XF%		RD45
95	SCR30A	50 ☑	4.0	80C	15m	2.0	25m	1.0m△	125C	2.0 △	3.0	1.0u☑	60			60 §	XC§	AF	SC6
96	SCRF30A	50 ☑	4.0	80C	15m	2.0	50m	1.0m△	125C	2.0 △	3.0	2.0u§	1.0	6.0u§		60 §	XC§	AF	SC6
97	SE9220	50 △	4.25	55C	.40m	.80	4.0m	1.5m†△	125C	2.6	6.0	.57u	5.0	15u	50	30 *§	XC☑		RD3b
98#	TM507S	50	4.5	25A	40m	3.0	50mØ	3.0m	110J	2.5	15	2.0u		15u	100 §	80		AF	SC22d
99#	T3N50	50	4.5	85C	20m	3.0	25m	1.0m	125J	1.5	10	5.0u☑	3.0	25u		55	XC§		M350
100	207A	50 ☑	4.7	65C	50m	5.0	20m			1.6	10						XA		S114a
101	206A	50 ☑	4.7	105	30m	2.0	50m	2.0m	105	1.6	2.0	4.0u§	2.0	8.0u	50 §	30	XA	AF	
102	TCR503	50	5.0	25C															
103#	2SF261	50	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0					90	XA§	AF	SC22b
104#	2SF261A	50	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0		5.0	15u☑	100 △	90	XA§	AF	SC22b
105#	TSi5/50	50	5.0	75C	35m	3.0	25m	.50m	25	2.5	15	2.0u	5.0	20u	20	75	X4*	AF	SC26
106#	BTZ35	50	5.5	85C	25m	1.5	30m			1.8	10	1.0u☑	5.0	30u		65	XA§		M347a
107#	TM510	50	6.0	25A	40m	3.0	40mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	SC22d
108#	TRA05	50	6.0	25A	40m	3.0	50mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	RD17f
109#	TRA05D	50	6.0	25A	40m	3.0	50mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	SC18
110#	SC51	50	6.0	65C	.50m	1.5	1.0m	.03m	125	1.8 †	8.0	1.5u	2.0	30u		40 §	XC§		TO3

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	TP504	50	6.0	100C	40m	3.0	100m	3.0m		1.2	4.0	2.0u	4.0	30u	100 §Ø	80	XC☑	AD	S18a
2#	2SF1115	50	6.5	25	28m	2.0	6.0	2.0	125J	1.4	10		3.0	20	50	50	XC§		RD3a
3#	SC61	50	6.5	85C	30m	1.2	25m	2.0m	100	1.7 †	8.0	1.5u	2.0	30u		60	XF§		TO3
4#	GC0505	50	7.0	25A	100m	3.0	100mØ	1.5m		2.0	5.0					35	XA§	AF	TO48
5	SCR50A	50 ☑	7.0	60C	20m	2.0	25m	1.0mΔ	125C	1.9 Δ	15	1.0u§	100	20u§		100 §	XC§	AF	SC17
6	SCRF50A	50 ☑	7.0	60C	20m	2.0	50m	1.0mΔ	125C	1.9 Δ	15	2.0u§	10	6.0u§		100 §	XC§	AF	SC17
7	SCRF505	50 ☑	7.0	60C	25m	2.0	50m	1.0m	125C	1.9 Δ	15	2.0u§	10	12u§		100 §	XC§	AF	SC17
8	TI3010	50	7.0	60C	25m	3.0	30m	1.0m	125	1.8	5.0						XC☑	AB	RD20
9	TI40A0	50 †	7.0	70C	25m	3.5	25m	1.0m	105C	2.0	5.0					100 Δ	XA*	AF	TO64
10	SCRJ05	50 ☑	7.0	75C	25m	2.5	50m	2.0mΔ	105C	2.0 Δ	15	3.0u§	5.0	30 §		600 §	XF☑	AF	SC17
11#	TAG7-50R	50	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0					100	XA		S276
12#	TAG7S50R	50	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0			12u§		100	XA		S276
13#	BTX31-50R	50	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0					100	XC		S276
14#	BTX31S50R	50	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0			12u§		100	XC		S276
15#	BTX71-50R	50	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0	1.4u	5.0	20u	200	100	XC		S276
16#	BTX71S50R	50	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0	1.4u	5.0	12u§	200	100	XC		S276
17#	SS1005	50 ☑	7.2	40A	50m	3.0	25m	6.5mØ	100J	1.5 Δ	10	2.5u	10	10u			XA§		S118
18	5RC5	50 ☑	7.4 Δ	60C	15m	2.0	5.0mØ	4.5m	105C	1.9	15 †	2.5u	60		20	60 Δ	6A§	AF	TO64
19#	SF5A11	50	8.0	24	20m	2.0		9.0m	125J	2.0	20					60	XC§	AF	SC22a
20#	CR8.051A	50	8.0	25A												85	XA§		S32
21	MCR1305R2	50	8.0	63C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		S190a
22	MCR1304R2	50	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		C64a
23	MCR1305-2	50	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	100	XA§		S190
24	MCR1604R2	50	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		C65a
25	MCR1605R2	50	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		M225a
26	MCR1304-2	50	8.0	70C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	100	XA§		C64
27	TCR730	50	8.0	80	20m	1.5	25m	100u	25	2.2	15					60 §		AFØ	TO66
28	NCR052D	50	8.0	80B$	25m	3.0											XA*		S222
29#	2SF322A	50	8.0	108	20m	2.0		9.0m	150J	2.0	20					60	XF§	AF	SC22a
30#	TP506	50	9.0	100C	40m	3.0	100m	3.0m		1.2	6.0	2.0u	6.0	30u	100 §Ø	100	XC☑	AD	S18a
31#	BTY41	50	9.6	60B	80m	3.5	20m§	38m	125J	2.0	10 §	1.7u	1.0	8.2u		115	XC*	AD	SC4
32#	CR10B	50 ☑	10	20A	70m	3.5	13m§	13mΔ	100J	1.3 Ø	10			20u		100	XA*		S176
33	NCR050D	50	10	25C$				5.0m	25C	1.2	10							AD	SC4
34#	SCR52	50	10	25A	25m§	3.5	20m§	19mØ	100J	1.2	16	4.5u§	50	20u§		120	XA*	AF	SC12
35#	TRA105	50	10	25A	80m	3.0	50mØ	3.0m	110J	2.0	30	2.0u§	10	50u§	50 Ø§	125		AF	RD17f
36#	TRA105D	50	10	25A	80m	3.0	50mØ	3.0m	110J	2.0	30	2.0u§	10	50u§	50 Ø§	125		AF	SC18
37#	2SF271	50	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10					90	XA§	AF	SC22b
38#	2SF271A	50	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10		10	15m☑	100 Δ	90	XA§	AF	SC22b
39#	TAG10-50R	50	10	65C	30m	3.0	30m	5.0m	105J	1.8	10					120	XA		S276
40#	TAG10S50R	50	10	65C	30m	3.0	30m	5.0m	105J	1.8	10			12u§		120	XA		S276
41	RTV0105	50	10	65C	50m	3.0	200m	2.0m	100	2.5	30	.20u	10		100	100	XA☑	AF	SC18
42	RTV0405	50	10	65C	50m	3.0	200m	2.0m	125	2.5	30	.20u	10		100	100	XC☑	AF	SC18
43#	BTX32-50R	50	10	85C	25m	3.0	25m	5.0m	125J	1.8	10					120	XC		S276
44#	BTX32S50R	50	10	85C	25m	3.0	25m	5.0m	125J	1.8	10			12u§		120	XC		S276
45#	BTX72-50R	50	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	20u	200	120	XC		S276
46#	BTX72S50R	50	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	12u§	200	120	XC		S276
47#	2SF21	50 ☑	11	50B	40m	3.0		13m	100J	2.8	50					125	XA§	AF	SC15
48#	CS22C	50	11.7	80B	50m	2.5	25m	10m	100J	2.2 Δ	30	2.0u		20u	20	125	XA§		S159
49#	2SF281	50	12	61C	50m	3.5	15mØ	3.0mØ	100	1.4	12					150	XA§	AF	SC15a
50#	2SF281A	50	12	61C	50m	3.5	10mØ	3.0mØ	100	1.4	12		12	15u☑	100 Δ	150	XA	AF	SC15a
51#	T14/50	50	14	20	50m	3.0	8.0mØ			2.0	50				10	150	XC		M351
52#	SS2005	50 ☑	14.5	40A	60m	3.0	50m	8.0mØ	100J	1.2 Δ	20	2.5u	20	10u			XA§		S119
53#	CR12-052AB	50	14.5	75C	60	3.0	28mØ	5.0m	125J	2.0	32	2.3u	20	20u☑	20	160 Δ	XC§	AF	SC90a
54#	CR12-052BB	50	14.5	75C	60	3.0	28mØ	5.0m	125J	2.0	32	2.3u	20	15u☑	20	160 Δ	XC§	AF	SC90a
55#	CR12-052CB	50	14.5	75C	60	3.0	28mØ	5.0m	125J	2.0	32	2.3u	20	12u☑	20	160 Δ	XC§	AF	SC90a
56#	2SF72	50	15	25C	50m	3.0		19m	100C	1.2 Δ	7.0					100	XA	AF	SC11
57#	SIT14-50	50	15	90B	50m	3.0	8.0mØ			2.0	30	2.6u	10	20u	10	200	XC§	AF	M329
58	204A	50 ☑	15	105J	50m	2.0	50m	2.0m	105	1.6	15	6.0u§	15	10u	35 §	125	XA	AF	S121a
59#	SCR72	50	16	25A	25m§	3.0	10m§	6.5m	125J	860m	16	4.5u§	50	20u§		140	XC*	AF	SC12
60#	TR05	50	16	25A	80m	3.0	50mØ	3.0m	125J	2.0	50	2.0u§	10	50u§	50 Ø	250		AF	SC62
61#	TR515S	50	16	25A	80m	3.0	100mØ	5.0m	125J	2.5	50	2.0u§	10	20u§	200 §	250		AF	SC62
62#	TRA205	50	16	25A	80m	3.0	50mØ	3.0m	110J	2.0	50	2.0u§	10	50u§	50 Ø§	250		AF	RD17f
63#	TRA205D	50	16	25A	80m	3.0	50mØ	3.0m	110J	2.0	50	2.0u§	10	50u§	50 Ø§	250		AF	SC18
64#	SF10A11	50	16	26	80m	3.5		38m	100C	3.0	50					113	XA§	AD	SC4
65#	BTY50	50	16	60B	40m	3.0	10m§	13m	125J	1.5	10 §	1.6u	1.0	8.0u		140	XC*	AD	SC4
66#	BTY57	50	16	60B	40m	3.0	10m§	13m	125J	1.5	10 §	1.6u	1.0	8.0u	20	140	XC§	AD	SC4
67	RTV0305	50	16	65C	25m	2.0	50m	1.0m	100	2.0	50	.20u	16		100	150	XA☑	AF	SC18
68	RTV0605	50	16	65C	25m	2.0	50m	1.0m	125	2.0	50	.20u	16		100	150	XC☑	AF	SC18
69	10RC5	50 ☑	16 Δ	65C	40m	3.0	10mØ	6.5mØ	105C	2.3 †	31					125 Δ	6A§	AF	TO48
70	RTV0205	50	16	65C	50m	3.0	200m	2.0m	100	2.5	50	.20u	16		100	150	XA☑	AF	SC18
71	RTV0505	50	16	65C	50m	3.0	200m	2.0m	125	2.5	50	.20u	16		100	150	XC☑	AF	SC18
72	T400001006	50	16 Δ	75	80m	3.0	100m	6.5m	125J	2.3	30				100	150	XC§	AF	TO48
73	T408001006	50	16 Δ	87	80m	3.0	100m	13m	125J	1.5	10				25	125	XC§	AF	TO48
74	MCR808-2	50 ☑	18	57C	50m	1.5	8.0mØ	5.0m†Δ	100J	1.5 Δ	18 §	1.0u	18	12u§	30 Δ	225 Δ	XA§		M90☑
75	TIX90	50	18	75C	40m	3.5	40m	1.0m	125	1.6	18				100		XC☑	AD	RD21
76#	CS21C	50	19	70B	50m	2.5	25m	10m	100J	2.2 Δ	50	2.0u		20u	20	200	XA§		S159
77#	CS32C	50	19.5	75B	50m	2.5	25m	20m	100J	1.8 Δ	50	2.0u		20u	20	360	XA§		S80
78#	TAG20-50R	50	20	45C	50m	3.0	50m	5.0m	105J	1.8	20					150	XA		S276
79#	TAG20S50R	50	20	45C	50m	3.0	50m	5.0m	105J	1.8	20			12u§		150	XA		S276
80#	2SF291	50	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20					300	XA§	AF	SC15a
81#	2SF291A	50	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20		20	15u☑	100 Δ	300	XA§	AF	SC15a
82	MCR2918-2	50 Δ	20 Δ	63C	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240 Δ	XA§	AF	SC18
83#	BTX33-50R	50	20	65C	50m	3.0	50m	5.0m	125J	1.8	20					150	XC		S276
84#	BTX33S50R	50	20	65C	50m	3.0	50m	5.0m	125J	1.8	20			12u§		150	XC		S276
85#	SIT18-50	50	20	90B	50m	3.0	8.0mØ			1.8	30	2.8u	10	15u	25	300	XC§	AF	M329
86	MCR2818-2	50 Δ	20	100J	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240	XA§	AD	RD21
87	MCR2819-2	50 Δ	20	100J	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	5.0 Ø§	240	XA§	AF	SC18
88#	T30/50	50	21	20	100m	3.0	20mØ			1.5	100				200	550	XC		M351
89#	2SF31A	50 ☑	22	64B	40m	3.0		13m	125J	2.0	50					150	XC§	AF	SC15
90#	TR515	50	22.5	70C	25m	3.0	200m	3.0m	125J	2.0	30	1.5u	5.0	40u	40 Ø	250	XC☑	AF	TO48
91#	CR18-052AB	50	23	70C	60m	3.0	28mØ	5.0m	125C	2.1	57	2.3u	20	20u☑	20	240 Δ	XC§	AF	SC90a
92#	CR18-052BB	50	23	70C	60m	3.0	28mØ	5.0m	125C	2.1	57	2.3u	20	15u☑	20	240 Δ	XC§	AF	SC90a
93#	CR18-052CB	50	23	70C	60m	3.0	28mØ	5.0m	125C	2.1	57	2.3u	20	12u☑	20	240 Δ	XC§	AF	SC90a
94#	BTZ10	50	24	125J	50m	3.0	30m	5.0mΔ	125J	2.1	50	3.0u	15	20u	25	350	XC§		S34
95#	BTZ15	50	24	125J	50m	3.0	30m	5.0mΔ	125J	2.1	50	3.0u	15	20u	25	350	XC§		S34
96	T400001606	50	25 Δ	45	80m	3.0	100m	6.5m	125J	2.3	50				100	250	XC§	AF	TO48
97#	2SF239	50 ☑	25	55B	40m	2.0	10mØ	6.5mØ	125J	2.2 Δ	16	3.0u	10	15u§	20 §	150 *	XC%	AF	TO48
98#	SF16A11	50	25	57	40m	3.0		13m	125C	1.9	50					135	XC§	AD	SC4
99#	BTX73-50R	50	25	60C	40m	3.0	50m	13m	125J	2.0 Δ	50	1.4u	10	20u	200	150	XC		S276
100#	BTX73S50R	50	25	60C	40m	3.0	50m	13m	125J	2.0 Δ	50	1.4u	10	12u§	200	150	XC		S276
101	TI3037	50	25 Δ	60C	100m	4.0	130mØ	3.0m	125C	2.5	25	2.5u	25	2.9u	200	200	XC☑	AF	TO48
102#	T18/50	50	28	20	50m	3.0	8.0m			1.8	65				25	200	XC§		M353
103#	CS31C	50	32	70B	50m	2.5	25m	20m	100J	1.8 Δ	80	2.0u		20u	20	580	XA§		S80
104	T400002206	50	35 Δ	18	80m	3.0	100m	6.5m	125J	2.3	70				100	360	XC§	AF	TO48
105	SCR160A	50 ☑	35	25C	25m	2.0	50m	6.0mΔ	125C	2.0	50	1.0u§	200	20u§		200 §	XC§	AF	TO48
106	SCRF160A	50 ☑	35	25C	25m	2.0	100m	6.0mΔ	125C	2.0	50	20u§	10	6.0u§		200 §	XC§	AF	TO48
107	ZJ244F	50	35	25C	40m	1.7	50m	13m	150J	2.1	50	1.5u	10	24u	30	150	XF☑	AF	TO48
108	SCRF1605	50 ☑	35	25C	40m	3.0	100m	6.0mΔ	125C	2.0	50	2.0u§	10	12u§		200 §	XC§	AF	TO48
109	TSC40F	50	35	25	80m§	3.0 §		6.5mØ	125C	2.2 §	16			12u		150	XC☑	AF	TO48
110	ZJ253F	50	35	25C	180m	3.0	150m	4.0m	125C	2.5	100	15u	20	15u	200 §	200	XC	AF	TO48

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	ZJ255F	50	35	25C	180m	3.0	150m	4.0m	125C	2.5	100	1.5u	20	10u	200 §	200	XC	AF	TO48
2	T408002206	50	35 △	40	80m	3.0	100m	13m	125J	2.0	50				25	150	XC§	AF	TO48
3	NL571F	50	35	62C	40m	2.5	.10	5.0m	125J	1.5	50	1.4u	5.0	30u	200	600	XB§	AF	TO48
4	NLC38F	50	35	90C	40m	2.5	80m	5.0m	150J	2.0	50	1.4u	5.0	24u	20	200	XF§	AF	TO48
5	TI150	50	35	90B	50m	3.0		10m	125B	1.6	32				25	250	XC∅	AF	S63
6	MCR2835-2	50 △	35	100J	40m	1.5	50m	5.0m	100J	1.5	35	1.0u	35	15u	50 ∅§	325	XA§	AD	RD21
7	MCR2935-2	50 △	35	100J	40m	1.5	50m	5.0m	100J	1.5	35	1.0u	35	15u	50 ∅§	325	XA§	AF	SC18
8#	CR30-053A	50	36	25	60m	3.0	66m			1.4	30	20u	30	73u		500	XC	AF	TO49
9#	SCR92	50	50	90B				6.5m	30	1.2						750	XC		S58
10#	T50/50	50	51	20	100m	3.0	20m∅			1.5	100				200	550	XC		M349a
11	C146F	50	55 △		100m	3.0								40u☑			XC*		SC41
12#	TK05	50	55	60C	125m	3.0	100m	10m		2.0	100	5.0u	50	30u	20 ∅	700	XA☑	AF	TO49
13#	2SF111	50 ☑	55	68B	100m	3.5		26m	100J	2.7	500					700	XA§	AF	SC34b
14	213A	50 ☑	55	125J	110m	4.0	10m∅	14m	125	1.7	35	1.5u§	50	15u	100 §	500		AF	SC3a
15#	SIT50-50	50	60	90B	100m	3.0	20m∅			1.5	60	6.5u	50	25u	25	800	XC§	BX	M330
16#	CR50-053A	50	64	25	100m	3.0	73m									600	XC	AF	TO49
17#	2SF371	50	70	66C	150m	2.5	15n∅	10m∅	100	1.3	200					1.5k	XA§	AF	S189b
18#	SCR112	50	70	100B				6.5m	25	1.2						1.0k	XF		S58
19	NLC62F	50	70	103C	70m	2.5	.10	8.0m	150J	2.5	500	5.0u	50	50u		1.6k	XF§	AF	TO83
20#	2SF48	50	79	25	150m	3.5		30m	100C	2.8	250					600	XA§		S136
21	TCR550	50	80	70C	50m	3.0	25m∅	4.0m∅	100C	750m∅	50 §	4.5u		18u		1.0k	XC☑	AF	SC24
22#	CR80.051	50	80	75B§						2.5							XA§	AF	M30
23#	2SF121	50 ☑	80	78B	100m	3.5		26m	125J	2.3	500					100	XC§	AF	SC34b
24#	CS41C	50	85	70B	100m	2.5	60m	20m	100J	2.2 △	220	2.0u		20u	20	1.0k	XA§		M129
25#	BTY20	50	90	125J	80m	3.0	100m	10m△	125J	2.0	200	8.0u	50	20u	25	1.8k	XC§		M52
26#	105T4	50	93	125J§	100m	2.0	20m	50m	125C	1.6	500	10u	200	45u		1.2k*	XC§		S226
27#	TS560	50	95	100B§	100m	3.0		5.0m	100	1.2	60					1.0k	XC∅		
28#	2SF301	50	100	60C	150m	2.5	15m∅	10m∅	100	1.3	200					2.0k	XA§	AF	S189b
29#	CR100.051	50	100	75B§						2.0							XA§	AF	M30
30#	SIT95-50	50	103	90B	200m	3.0	25m∅			1.6	200	8.0u	50	30u	25	1.8k	XC§	BX	M331
31#	10TC05B	50	110	30C	60m	3.0	20m			1.5	110	3.0u	110	25u	20	1.1k	XA§	BX	SC32
32	2SF352	50 ☑	110	60B	70m	2.5	10m∅	6.5m∅	125J	1.9 △	70	4.5u	50	20u§	20 §	1.0k*	XC%	BX	SC10
33#	70RC5	50 ☑	110	60B	70m	2.5	10m∅	6.5m	125B	1.8	70	4.5u	50	20u		1.0k	XC∅	BX	SC10
34	70RCF5A	50 ☑	110	60B	70m	2.5		6.5m∅	125J	1.8 △	220		50	20u§		1.0k§	XC§	AF	TO49
35#	BTY64	50	110	60B	70m	3.0	20m§	13m	125J	1.1	100 §	2.0u	50			1.0k	XC*	AF	SC3a
36	USN2N1910W	50	110	60B	70m	3.0 §	40m	15m	125A	1.4	50	15u		40u		1.0k	XC∅	AF	TO49
37	USN2N2031W	50	110	60B	70m	3.0 §	40m	15m	125A	1.4	50	15u		40u		1.0k	XC∅	AF ·	TO49
38	TK105	50	110	60C	125m	3.0	100m	10m		2.0	200	4.5u	50	20u	40 §∅	1.0k	XC☑		TO49
39	NL2N2024	50	110	87C	75m	3.0	100m	15m	150J	2.5	500	5.0u	50	50u	200	1.0k	XF§	AF	TO49
40	809A	50	110	100B	50m	3.0	20m∅	20m		800m∅	70	3.0u☑		30u☑		1.0k	XC§		A17a
41	212A#1	50 ☑	110	125J	90m	3.0	10m	14m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	SC16
42	212A#2	50 ☑	110	125J	90m	3.0	10m	14m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	TO49
43#	T180/50	50	120	20	400m	3.0	40m			1.2	500				200	3.5k	XC		M352a
44#	2SF41	50	126	53	100m	2.0		30m	125C	1.8	250					900	XC§		S136
45#	T20N50R3	50	149	70C	200m	2.5										149	XA☑		M199
46#	T95/50	50	150	20	80m	3.0	25m			1.5	300				200	1.2k	XC		M352b
47#	TT05	50	150	60C	500m	3.0	300m	25m	100J	2.2	350	5.0u	15		20 §∅	2.0k	XA☑	BX	SC36
48#	305T4	50	160	125J§	100m	2.0	20m	50m	125C	1.6	500	10u	200	45u		2.0k*	XC§		S226
49	228A	50	175	125J	300m	3.0		15m	125J	1.4	100	5.0u	100	40u	100	3.3k*	XC§	BC	MU15
50#	SIT180-50	50	180	90B	400m	3.0	40m∅			1.4	350	9.0u	100	50u	25	4.5k	XC§	BX	MU4
51	218A	50	200	80C	300m	4.0		15m	125J	1.3	100			40u	100	3.3k*	XC§	BX	TO93
52#	BTY10	50	200	125J	200m	3.0	200m	20m△	125J	2.0	600	15u	100	40u	25	3.5k	XC§		
53#	200A△	50	230	85C	100m	2.5	15m	15m	125J	1.2	150					3.5k	XC§	BX	SC21
54#	CR150-051A	50	235	25	150m	3.5	55m					6.5u	150	100u		3.3k	XC		M201
55#	2SF360	50 ☑	235	55B	100m	2.5	50m∅	10m∅	125J	1.7 △	150	5.0u	100	25u§	4 §	3.0k*	XC§		S86
56	150RC5	50 ☑	235	55B	100m	2.5		10m∅	125J	1.7 △	471					3.0k	XC§		S86
57#	2SF332	50	235	64	100m	2.0		25m	125J	1.5	500					3.2k	XC§		S136a
58	6RW56AC	50	235	75B	100m	2.0	12m∅	16m	125J	650m§	150 ∅	4.5u		25u		3.0k			S71
59#	CR150-052A3	50	235	75C	150m	3.5	35m∅	15m	25C	1.4	450	6.5u	400	35u	20	3.3k	XC☑		M201
60#	CR150-052A4	50	235	75C	150m	3.5	35m∅	15m	25C	1.6	450	6.5u	400	35u	20		XC☑		M201
61#	CR150-052A5	50	235	75C	150m	3.5	35m∅	15m	25C	1.8	450	6.5u	400	35u	20		XC☑		M201
62#	CR150-052A6	50	235	75C	150m	3.5	35m∅	15m	25C	2.0	450	6.5u	400	35u	20		XC☑		M201
63#	TT205	50	235	80C	500m	3.0	250m	25m	125J	1.7	450	5.0u	15	200u	100 §∅	3.2k	XC☑	BX	SC36
64#	T20F50	50	250	55C	200m	2.5	50m∅	15m	25	1.5	450	5.0u		20u		3.5k	XC☑		M201
65	229A	50	250	125J	300m	3.0		15m	125J	1.3	100	5.0u	100	40u	100	5.0k*	XC§	BC	MU15
66	61TC	50	265	70B	300m	3.0	300m	20m	100J	2.0	535					2.6k	XC∅	BX	MU4
67	2231A	50	300	125J	300m	4.0		15m	125J	1.3 §	100	4.0u	100	30u	100	4.5k*	XC§	BX	SC1
68	2232A	50	300	125J	300m	4.0		15m	125J	1.3 §	100	8.0u	100	40u	100	4.5k*	XC§	BX	SC1
69	223A	50	370	25B	300m	4.0	25m§∅	15m	125J	1.2 §	100			50u	50	5.0k*	XC§	BX	SC1
70#	250RC5	50	392		150m	2.0	40m	10m	125J	1.5	250	5.0u	100	100u	10	4.8k	XC§		
71	222A	50	400	25§	300m§	4.0 §	25m§	15m	125J	1.2 §	100					5.0k	XC§	BX	SC1
72	71TC	50	400	70B	300m	3.0	300m	20m	100J	1.9	780					3.8k	XC∅	BX	MU4
73	221A	50 ☑	400	80C§	200m	4.0	30m§			2.0 §	250					5.0k	XC☑	BX	S158
74#	300RC5	50	470		150m	2.0	40m	10m	125J	1.4	300	5.0u	100	100u	10	5.5k	XC§		
75	6RW71AY	50	470	65C	250m	3.1		10m∅	125J	.65 ∅	300				4.0	5.5k§	XC	AF△	SC19
76#	SIT0.8-50	55	1.25	65C	10m	3.0	20m	1.0m△	125J	1.2	1.5	2.0u	1.0	15u	15	20	XC§		TO5
77#	SIT4-50	55	4.5	90B	20m	3.0	25m	1.0m△	125J	1.3	4.5	2.0u	3.0	17u	15	55	XC§	AF	SC6
78#	CRS25-05AF	55	37	75B	50m	3.0	50m	10m△	110J	1.2	37	2.0u	25	20u	10	500	XC§	AF	SC12
79#	CRS25/05AF	55	45	55B	50m	3.0	50m	10m△	110J	1.2	45	2.0u	25	20u	10	500	XB§	AF	SC12
80#	SIT20-50	55	45	55B	50m	3.0	50m	10m△	110J	1.2	45	2.0u	25	20u	10	500	XC§	AF	SC12
81#	CRS70-05AF	55	110	70B	50m	3.0	60m	20m△	125J	1.2	110	2.0u	70	30u	10	1.4k	XC§	AF	TO49
82#	SIT80-50	55	110	70B	50m	3.0	60m	20m△	125J	1.2	110	2.0u	70	30u	10	1.4k	XC§	AF	TO49
83	K46B60	60	200m	25	200u	800m	2.0m	100u	100A	1.5	200m					10	XA☑		TO46
84	W470B	60	200m	75	20u		2.0m	20u	150	1.5		150n		1.0u		6.0	XF		TO46
85	W469B	60	200m	75	200u		5.0m	20u	150	1.5		120n		1.0u		6.0	XF		TO46
86	C6203	60	.20	75A	200u	.80	5.0m	100u	100	1.5	.20						XF		MU1
87	RTH0606	60	200m	80C	20u	700m	2.0m	20u	125	1.2	200m	200n	200m		100	5.0	XC☑		MU19
88	RTH0506	60	200m	80C	20u	800m	5.0m	20u	125	1.3	200m	200n	200m		100	5.0	XC☑		MU19
89	RTH0406	60	200m	80C	100u	800m	5.0m	100u	125	1.5	200m	200n	200m		100	5.0	XC☑		MU19
90	RTH0106	60	200m	80C	200u	1.0	5.0m	100u	100	1.5	200m	200n	200m		100	5.0	XA☑		MU19
91	RTH0306	60	200m	80C	200u	1.0	10m	500u	125	1.5	200m	200n	200m		100	5.0	XC☑		MU19
92	RTH0206	60	200m	80C	1.0m	1.0	10m	1.0m	125	2.5	200m	200n	200m		100	5.0	XC☑		MU19
93	SYL4224	60	.25	25	.05m	.65	1.0m	.02m	125	1.3	.20	70u	.20				XF§		TO46
94	W466C	60	250m	75	20u		2.0m∅	50u	150	1.5		800n		1.6u		6.0	XF		TO18
95	W467	60	250m	75	50u		1.0m	20u	125	1.5		70n				6.0	XF		TO46
96	W465C	60	250m	75	200u		2.0m∅	50u	150	1.5		100n		2.0u		6.0	XF		TO18
97	W464C	60	250m	75	2.0m		5.0m∅	50u	150	1.5		100n		2.0u		6.0	XF		TO18
98	W498F	60	280m	55	20u		1.0m	20u	125	1.2		300n		10u		2.0	XC*		TO18
99	W498J	60	280m	55	20u		1.0m	20u	125	1.2		300n		10u		2.0	XC*		TO18
100	5A60	60	.35	100C	5.0u	.55	1.5m	100n	25	1.2	.20				20	10	XF☑		MU3
101	5L60☑	60	350m	100	20u	600m	10m	100n	25	1.5	1.0	80n	1.0	200n		5.0	XF		RD18
102	HR878B	60	.35	100	.02m	.60	3.0m	.01m	25	1.5	1.0	.10u	.50	.50u		5.0	XF		TO18
103	HR878A	60	.35	100	.20m	.80	5.0m	.01m	25	1.5	1.0	.10u	.50	.50u		5.0	XF		TO18
104	5K60	60	350m	100	200u	1.0	5.0m	100n	25	1.5	1.0	100n	1.0	200n		30	XF		RD18
105	3F60△	60	.35	100	2.0m	1.5	10m	.01m	25	1.5	.20	.40u	.50	10u		5.0	XF		TO18
106	3F100△	60	.35	100	2.0m	1.5	10m	.01m	25	1.5	.20	.40u	.50	10u		5.0	XF		TO18
107	3G60	60	350m	100	2.0m	1.5	10m	10u	25	1.5	.20	400n	500m	10u		5.0	XF		A88
108	HR1871B	60	.50	25A	20u	.60	2.0m	1.0u	25	2.0	2.0				100	15	XF*		TO9
109	4L60	60	.50	100	.02m	.60	10m	.10u	25	1.5	1.0	.08u	1.0	.20u		5.0	XF		TO46
110	HR3031	60	.50	100	.02m	.60	2.0m	.10u	25	1.5	1.0	.08u	1.0	.20u		5.0	XF		TO18

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	HR3028	60	.50	100	.20m	.80	5.0m	.10u	25	1.5	1.0	.10u	1.0	.20u		30	XF		TO18
2	4K60	60	.50	100	.20m	1.0	5.0m	.10u	25	1.5	1.0	.10u	1.0	.20u		30	XF		TO46
3	3J60	60	.50	100	2.0m	1.5	10m	.10u	25	1.5	1.0	.10u	1.0	.20u		5.0	XF		TO18
4	3C6060	60	.50	100C	10m	2.0	50m		125C	2.0	.20						XC*		TO9
5#	TAG0660	60	.60	55C	200u	.80	3.0m	50u	125	1.3	.60	100n	.80	10u		6.0	XF		TO18
6	3A3060	60	.80	100	10m	2.0	50m	.01m	25	2.5	.50	.50u	.50	5.0u		5.0	XF		TO9
7	3A3060A	60	.80	100	10m	2.0	50m	.01m	25	2.5	.50	.50u	.50	2.0u		5.0	XF		TO9
8	RTF0606	60	1.0	80C	20u	700m	2.0m	20u	125	1.3	1.0	200n	1.0		100	15	XC☑		TO5
9	RTF0506	60	1.0	80C	20u	800m	3.0m	20u	125	1.3	1.0	200n	1.0		100	15	XC☑		TO5
10	RTF0406	60	1.0	80C	100u	800m	5.0m	100u	125	1.4	1.0	200n	1.0		100	15	XC☑		TO5
11	RTF0306	60	1.0	80C	200u	1.0	10m	500u	125	1.5	1.0	200n	1.0		100	15	XC☑		TO5
12	RTF0206	60	1.0	80C	1.0m	1.0	10m	1.0m	125	2.5	1.0	200n	1.0		100	15	XA☑		TO5
13	3B60S	60	1.0	100	2.0m	2.0		.01m	25	2.5	2.0	1.2u	.50	10u		6.0	XF		SC20
14	FT1871	60 △	1.25	100C	.20m	.80	5.0m	.10m△	125C	2.5 †	2.0				150 Ø	20 *§	XF§		TO5
15	FT1882	60 △	1.25	100C	2.0m	2.0	2.0m	.20m	125C	2.0 †	1.0				150 Ø	20 *§	XF§		TO5
16	3B3060	60	3.0	85C	.20m	.80	10m	.01m	25	1.8	3.0				50	15	XF☑		SC38
17#	BStC0140	60	5.0	80C	40m	2.0	100m	2.0m	125J	1.8	15				50 §	70	XC§	AF	SC74
18	CM106	60	5.0	100C	.20m	.80	3.0m	.50m†	150C	3.0	5.0	.50u	1.0	50u	150 Ø	20	XF*		TO59
19	NL-C37F	60	25	37C	80m	3.5	20mØ	5.0m	105J	2.3 †	30	1.4u	5.0		50	175	XA§	AF	TO48
20	NL-C40F	60	35	20C	40m	3.0								12u	200		XC§	AF	TO48
21	NL-C45F	60	55	83C	70m	3.0	100m	8.0m	125J	3.0 †	500	5.0	50		200	700	XC§	AF	TO83
22	NL-C46F	60	55	83C	70m	3.0	100m	8.0m	125J	3.0 †	500	5.0	50		200	700	XC§	AF	TO49
23	TSC45F	60	55	85	125m	3.0	100m	8.0m	125	1.5	4.0	5.0u		30u	100	700	XC§	AF	SC8
24	TSC46F	60	55	85	125m	3.0	100m	8.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	TO49
25	211A	60	55	86S	70m	3.0	10m	20m	125J	1.4	35	1.0u		15u		700	XC*	AF	SC3a
26	209A	60	55	86B	170m	3.0	10m	20m	125J	1.4	35	1.0u		15u		700	XC§	AF	SC16
27	TS555F	60	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	TO49
28	TS556F	60	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	SC8
29	NL555F	60	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO49
30	NL556F	60	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO83
31	NL-C55F	60	110	78C	70m	3.0	100m	8.0m	125J	2.5 †	500	5.0	50	20	200	1.0k	XC§	AF	TO49
32	NL-C56F	60	110	78C	70m	3.0	100m	8.0m	125J	2.5 †	500	5.0	50	20	200	1.0k	XC§	AF	TO83
33	X1RC7	70	1.5	25§	25m	3.0		18mØ		1.2	1.0					15	XC%		S151
34#	CS12D	75	1.0	60B	15m	2.5	12m	2.0m	100J	2.5	3.0	2.0u		20u	20		XA§		P2dØ
35#	CR4.071A	75	4.0	25A												42	XA§		S32
36#	CR5-071B	75 †	6.0	95C	80m	3.0	150m	10m	125C	3.0	5.0	2.0u	5.0	12u			XC☑	AF	TO48
37#	CR8.071A	75	8.0	25A												85	XA§		S32
38#	CS22D	75	11.7	80B	50m	2.5	25m	10m	100J	2.2 △	30	2.0u		20	20	125	XA§		S159
39#	T21F5	75	16	40A	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20u	20	200	XA§		S242
40#	CS21D	75	19	70B	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20	20	200	XA§		S159
41#	CS32D	75	19.5	75B	50m	2.5	25m	20m	100J	1.8 △	50	2.0u		20u	20	360	XA§		S80
42#	T31F5	75	26	40A	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	600	XA§		S243
43#	CS31D	75	32	70B	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	580	XA§		S80
44#	CR80.071	75	80	75B§						2.5							XA§	AF	M30
45#	CS41D	75	85	70B	100m	2.5	60m	20m	100J	2.2 △	220	2.0u		20u	20	1.0k	XA§		M129
46#	CR100.071	75	100	75B§						2.0							XA§	AF	M30
47#	CR608SA0101	75	165	85C	150m	3.5	50mØ	30m	125J	1.6	450			125u§	300u	3.0k	XC§	BK	RD48a
48#	CR7K103A5	75	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
49#	CR7K103A45	75	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
50#	CR7K103A4	75	460	65C	150m	3.5	55mØ	50m	125J	1.7	1.0k	3.5u	600	180u	100	6.4k	XC§	BX	M308b
51#	CR7K103A35	75	480	65C	150m	3.5	78mØ	50m	125C	1.6	1.0k			180u		6.9k	XC%	BX	M308b
52#	CR7K103A3	75	500	65C	150m	3.5	78mØ	50m	125C	1.5	1.0k			120u		7.5k	XC%	BX	M308b
53#	CR807SB0101	75	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
54#	CR702SC0101	75	600	65C	150m	3.5	55mØ	50m	125C	1.3	1.0k	3.5u	600	180u	100	9.0k§	XC§	BK	RD48
55#	TSK10-01	80	22	35	100m	4.0	50m			1.3	22	12u		15u	5.0 §	400	XA§		S259#
56#	35T1	80	35	80B	150m	.25	150m	10m†		2.2 †	110					630	XCØ	AF	S63b
57#	TSK25-01	80	50	35	150m	4.0	70m			1.4	50	12u		15u	5.0 §	800	XB§	BK	S260#
58#	33T1	80	55	72B	200m	3.0	150m	10m	100J	2.2	110					520	XCØ		S266a
59#	TSK35-01	80	65	35	150m	4.0	70m			1.2	65	12u		15u	5.0 §	900	XB§	BK	S260#
60#	TSK50-01	80	95	35	20m	4.0	100m			1.5	95	15u		20u	5.0 §	2.0k	XB§		S261#
61#	TSK65-01	80	120	35	200m	4.0	100m			1.2	120	15u		20u	5.0 §	3.0k	XB§		S261#
62#	72T1	80	350	60B	300m	250m	400m	20m†		2.0 †	1.1k					5.4k	XCØ	BX	MU4a
63#	TAG0690	90	.60	55C	200u	.80	3.0m	50u	125	1.3	.60	100n	.80	10u		6.0	XF		TO18
64	C506A	100			220m	5.0	500m	10m	25C				300	40u§	200 §	8.0k	XC§	BR	MU20
65#	BRY33	100 Ø	.175	25A	.50m	.80	2.0m	.05m†	25	1.6 †	.50	1.5u☑	.20	15u☑	75	4.0	XC§		TO46
66	K46B100	100	200m	25	200u	800m	2.0m	100u	100A	1.5	200m					10	XA☑		TO46
67#	CR02A2	100 Ø	200m	40A	1.0m	1.0	2.0mØ	30m	125J	1.2 †	1.0					15	XC§		C114
68	W470C	100	200m	75	20u		2.0m	20u	150	1.5		150n		1.0u		6.0	XF		TO46
69	W469C	100	200m	75	200u		5.0m	20u	150	1.5		120n		1.0u		6.0	XF		TO46
70	C6204	100	.20	75A	200u	.80	5.0m	100u	100	1.5	.20						XF		MU1
71	RTH0610	100	200m	80C	20u	700m	2.0m	20u	125	1.2	200m	200n	200m		100	5.0	XC☑		MU19
72	RTH0510	100	200m	80C	20u	800m	5.0m	20u	125	1.3	200m	200n	200m		100	5.0	XC☑		MU19
73	RTH0410	100	200m	80C	100u	800m	5.0m	100u	125	1.5	200m	200n	200m		100	5.0	XC☑		MU19
74	RTH0110	100	200m	80C	200u	1.0	5.0m	100u	100	1.5	200m	200n	200m		100	5.0	XA☑		MU19
75	RTH0310	100	200m	80C	200u	1.0	10m	500u	125	1.5	200m	200n	200m		100	5.0	XC☑		MU19
76	RTH0210	100	200m	80C	1.0m	1.0	10m	1.0m	125	2.5	200m	200n	200m		100	5.0	XC☑		MU19
77	W466D	100	250m	75	20u		2.0mØ	50u	150	1.5		800n		1.6u		6.0	XF		TO18
78	W465D	100	250m	75	200u		2.0mØ	50u	150	1.5		100n		2.0u		6.0	XF		TO18
79	W464D	100	250m	75	2.0m		5.0mØ	50u	150	1.5		100n		2.0u		6.0	XF		TO18
80	W498G	100	280m	55	20u		1.0m	20u	125	1.2		300n		10u		2.0	XC*		TO18
81	W498K	100	280m	55	20u		2.0m	100u	125	1.5		500n		10u		2.0	XC*		TO18
82#	2SF1111	100 Ø	300m	30A	1.0m	800m		100u	110J	1.2	600m					10	4B§	AE	RD12
83#	CR02AM2	100 Ø	300m	30A	1.0m	800m		100u	110J	1.2	600m					10	4B§	AE	RD12
84	W498C	100	350m	55	20u		500u	100u	150	1.2		300n		10u		2.0	XC*		TO18
85	5A100	100	.35	100C	5.0u	.55	1.5m	100n	25	1.2	.20				20	10	XF☑		MU3
86	5L100☑	100	350m	100	20u	600m	10m	100n	25	1.5	1.0	80n	1.0	200n		5.0	XF		RD18
87	HR879B	100	.35	100	.02m	.60	3.0m	.01m	25	1.5	1.0	.10u	.50	.50u		5.0	XF		TO18
88	HR879A	100	.35	100	.20m	.80	5.0m	.01m	25	1.5	1.0	.10u	.50	.50u		5.0	XF		TO18
89	5K100	100	350m	100	200u	1.0	5.0m	100n	25	1.5	1.0	100n	1.0	200n		30	XF		RD18
90	W463D	100	350m	100	2.0m		10m	200u	125	1.5		50u		20u		6.0	XC		TO18
91	3G100	100	350m	100	2.0m	1.5	10m	10u	25	1.5	200m	400n	500m	10u		5.0	XF		A88
92	HR1872B	100	.50	25A	20u	.60	2.0m	1.0u	25	2.0	2.0				100	15	XF*		TO9
93	4L100	100	.50	100	.02m	.60	10m	.10u	25	1.5	1.0	.08u	1.0	.20u		5.0	XF		TO46
94	HR3032	100	.50	100	.02m	.60	2.0m	.10u	25	1.5	1.0	.08u	1.0	.20u		5.0	XF		TO18
95	HR3029	100	.50	100	.20m	.80	5.0m	.10u	25	1.5	1.0	.10u	1.0	.20u		30	XF		TO18
96	4K100	100	.50	100	.20m	1.0	5.0m	.10u	25	1.5	1.0	.10u	1.0	.20u		30	XF		TO46
97	3J100	100	.50	100	2.0m	1.5	10m	.10u	25	1.5	1.0	.10u	1.0	.20u		5.0	XF		TO18
98	3C6100	100	.50	100C	10m	2.0	50m		125C	2.0	.20						XC*		TO9
99#	TDRA1	100	600m	25A	10m	3.0	20mØ	1.0m	125J	2.0	1.0	1.5u§	500m	20u§	50 Ø§	12			RD1a
100#	TD1001J	100	600m	25A	20m	3.0	40mØ	1.0m	125J	2.0	1.0	1.5u§	500m	15u§	50 Ø§	12			RD1a
101#	BRY23	100 Ø	.60	55A	.20m	1.0	2.5m	.20m△	150	2.7	5.0	3.0u☑	5.0	22u☑		15	XF§		TO5
102	3A3100	100	.80	100	10m	2.0	50m	.01m	25	2.5	.50	.50u	.50	5.0u		5.0	XF		TO9
103	3A3100A	100	.80	100	10m	2.0	50m	.01m	25	2.5	.50	.50u	.50	2.0u		5.0	XF		TO9
104#	T0.8N100	100	900m	85C	10m	3.0	25m	1.0m	125J	1.2	2.5	5.0u☑	1.0	25u	50 §	19 §	XC§		C41%
105#	TDR1	100	1.0	25A	20m	3.0	30mØ	1.0m	125J	2.0	1.0	1.5u§	500m	20u§	50 Ø§	12			RD1a
106	SCRJL10	100 ☑	1.0	25C	50m	2.0	50m	4.0m	100C	1.5	1.0	2.0u§	1.0	30u§		60 §	XA§	AD	A13d
107#	CS12E	100	1.0	60B	15m	2.5	12m	2.0m	100J	2.5	3.0	2.0u		20u	20		XA§		P2dØ
108#	TSi1/100	100	1.0	60C	25m	2.5	15m	.10m	25	1.6	1.0	2.0u	.40	20u	20	15	X4*		TO5
109#	T.75F100	100	1.0	60	25m	2.5	20m	1.0m	90J	2.0	1.0	2.0u	.40	20u	20	15	X4*		TO5
110	RTF0610	100	1.0	80C	20u	700m	2.0m	20u	125	1.3	1.0	200n	1.0		100	15	XC☑		TO5

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	RTF0510	100	1.0	80C	20u	800m	3.0m	20u	125	1.3	1.0	200n	1.0		100	15	XC☑		TO5
2	RTF0410	100	1.0	80C	100u	800m	5.0m	100u	125	1.4	1.0	200n	1.0		100	15	XC☑		TO5
3	RTF0110	100	1.0	80C	200u	1.0	5.0m	100u	100	1.5	1.0	200n	1.0		100	15	XA☑		TO5
4	RTF0310	100	1.0	80C	200u	1.0	10m	500u	125	1.5	1.0	200n	1.0		100	15	XC☑		TO5
5	RTF0210	100	1.0	80C	1.0m	1.0	10m	1.0m	125	2.5	1.0	200n	1.0		100	15	XA☑		TO5
6	3B100S	100	1.0	100	2.0m	2.0		.01m	25	2.5	2.0	1.2u	.50	10u		6.0	XF		SC20
7	C9A	100	1.1	18A	8.0m	2.0	20m	2.0mØ	125J	1.1 Ø	1.1			12u		30 §	XC§		RD16
8	SCR11A	100 ☑	1.1	25C	15m	2.0	20m	2.0mΔ	125C	1.2 Δ	1.0	1.0u§	30	20u§		80 §	XC§		AX5
9	SCRF11A	100 ☑	1.1	25C	15m	2.0	50m	2.0mΔ	125C	1.2 Δ	1.0	2.0u§	1.0	6.0u§		60 §	XC§		AX5
10	FT1872	100 Δ	1.25	100C	.20m	.80	5.0m	.10mΔ	125C	2.5 †	2.0				150 Ø	20 *§	XF§		TO5
11	FT1883	100 Δ	1.25	100C	2.0m	2.0	2.0m	2.0m	125C	2.0 †	1.0				150 Ø	20 *§	XF§		TO5
12	TA2888	100	1.3	75C	600u	1.5	500m	100G	110C	2.0	5.0				10 Ø	18	XB☑		C16x
13#	BRY35	100	1.3	80C	.10m	.80	1.0m	.10m	125	1.6 †	1.0	3.0u	5.0	22u	1k	15 §	XF§		TO5
14	FT2011	100 Δ	1.3	80C	.20m	1.0	5.0m§	.10m	125C	2.0	1.0					15 §*	XF§		TO5
15#	T0.8/100	100	1.4 Ø	20	10m	3.0	20m			1.0	6.0				25	15	XC		C41
16#	GCO1001	100	1.4	25A	25m	3.0	50mØ	1.0m		2.0	1.0					3.0	XA☑		TO5
17	HCR100N	100	1.4	80	10m		25m			2.0	1.4						XF§		TO5
18	HCR100P	100	1.4	80	10m		25m			2.0	1.4						XF§		TO5
19	X1RC10	100	1.5	25§	25m	3.0		18mØ		1.2	1.0					15	XC%		S151
20#	1B15CL10	100	1.5	25	50m	50	70m	5.0u	25	2.5	4.0					30	XA		
21	ID602	100	1.6	70C	200u	800m	3.0m	100u	110	2.5	4.0	1.0	1.0	40u	20 Ø	15	XB*		TO39
22	NCM6A	100	1.6	80C§	10m	3.0		1.0m	125C	2.0 §	1.0			12u☑		15 §	XA*		TO5
23	C6213	100	1.6	85C	200u	.80	2.0m	100u	125	1.5	1.6						XF		MU1a
24	K1039	100	1.6	85C	570u	2.7	3.0m	100u	100					20u	50	15			TO5
25#	SF1B11	100	1.6	89C	1.0m	800m	10m	100m	125C	3.4	10					17	XC§		
26	SCRFL10	100 ☑	1.7	80C	15m	2.0	50m	2.0m	125C	1.2 Δ	1.0	2.0u§	1.0	12u§		60 §	XC§		AX5
27#	CR2AM2	100 Ø	2.0 §	60C	1.0m	1.0		100u	110J	1.8	4.0					20	4B§	AC	MU26a
28#	SM2B41	100	2.0	70C	75m	3.0	50m	1.0m	110J	2.6	6.0					12	XB§		MU26
29#	BRY28	100 Ø	2.2	85C	15m	1.2	25m	.20m†	25	1.5 †	1.0					15 §	XF§		TO5
30	SE9226	100 Δ	2.5	25C	.40m	.80	4.0m	1.5m†Δ	125C	2.5	4.0	.57u	5.0	15u	50	15 *§	XC☑		TO39
31#	TM1004	100	2.5	25A	25m	3.0	30mØ	3.0m	110J	2.0	8.0	2.0u§	1.0	60u§	50 Ø§	50		AF	SC22d
32	UCR10L	100 Δ	2.5	25A	50m		50m			1.2	3.0			15µ	250	60	XC§		AX7
33	NCR102B	100	3.0	80B§	50m	3.0		1.0m	125C	2.0 §	1.0					25 §	XA*	AF	SC3
34	3B3100	100	3.0	85C	.20m	.80	10m	.01m	25	1.8	3.0				50	15	XF☑		SC38
35#	2SF661	100	3.0	85B	28m	2.1	6.0mØ	2.0m	100J	1.4	10					50	XA§		
36#	2SF666	100	3.0	85B	28m	2.1	6.0mØ	2.0m	100J	1.4	10					50	XA§		
37#	CR3E2	100 Ø	3.0	95C	20m	2.0		1.5m	125J	1.2 †	3.0					50	XC§		C115
38	SE9235	100 Δ	3.2	25C	1.0m	.80	10m	2.0m†Δ	125C	2.4	5.0	1.0u	5.0	13u	200	25 *§	XC☑		TO39
39	SE9205	100 Δ	3.2	25C	25m	1.2	75m	2.0m†Δ	125C	2.4	5.0	.80u	5.0	15u	200	25 *§	XC☑		TO39
40	TA2652	100	3.2	60C	20m	2.0		750u	25	3.0	30	700n		4.0		50	XA☑		TO66
41#	BStC0206	100	3.5	72B	40m	2.0	100m	2.0m	125J	1.7	11				50 §	70	XC§		MU23
42	C106A	100	4.0		200u	800m	3.0m	10u	25	2.2	4.0 †	1.2	1.0	100u	8.0 Ø	20	XB*		
43#	CR4.101A	100	4.0	25A												42	XA§		S32
44	TIC29	100	4.0	25C	25m	3.5	25m	1.0m	75C	1.3	4.0					125	XA☑		M368
45#	1B40CL10	100	4.0	25	50m	50	70m	5.0u	25	2.5	10					80	XA		M315
46	TC106A1	100	4.0 Δ	75C	200u	800m	3.0m	10u	25	2.2	4.0 †	1.0u	1.0	100u	100	20	XF%		RD45
47	SCR31A	100 ☑	4.0	80C	15m	2.0	25m	1.0mΔ	125C	2.0 Δ	3.0	1.0u☑	80			60 §	XC§	AF	SC6
48	SCRF31A	100 ☑	4.0	80C	15m	2.0	50m	1.0mΔ	125C	2.0 Δ	3.0	2.0u§	1.0	6.0u§		60 §	XC§	AF	SC6
49	SE9221	100 Δ	4.25	55C	.40m	.80	4.0m	1.5m†Δ	125C	2.6	6.0	.57u	5.0	15u	50	30 *§	XC☑		RD3b
50#	TM1007S	100	4.5	25A	40m	3.0	50mØ	3.0m	110J	2.5	15	2.0u		15u	100 §	80		AF	SC22d
51#	T3N100	100	4.5	85C	20m	3.0	25m	1.0m	125J	1.5	10	5.0u☑	3.0	25u		55	XC§		M350
52	207B	100 ☑	4.7	65C	50m	5.0	20m			1.6	10						XA		S114a
53#	2SF441	100	4.7	82	25m	1.5		7.0m	100J	1.8	10					70	XA§		RD25
54	3RC10	100 ☑	4.7 Δ	92C	15m	2.0	5.0mØ	4.5m	105C	2.0	9.4 †					30 Δ	6A§	AF	TO64
55	208B	100 ☑	4.7	105	30m	2.0	50m	2.0m	105	1.6	2.0	4.0u§	2.0	8.0u	50 §	30	XA	AF	
56	TCR1003	100	5.0	25C															
57#	T4.5/100	100	5.0	50	20m	3.0	25mØ			1.2	15				25	40	XC		M350
58	TIX3011	100	5.0	60	25m	2.0	30m	1.0m	125	1.8	5.0		5.0		50	100	XC		RD20
59#	2SF262	100	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0					90	XA§	AF	SC22b
60#	2SF262A	100	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0		5.0	15u☑	100 Δ	90	XA§	AF	SC22b
61#	TSI5/100	100	5.0	75C	35m	3.0	25m	500u	25	2.5	15	2.0u	5.0	20u	20	75	X4*	AF	SC26
62#	BStC0106	100	5.0	80C	40m	2.0	100m	2.0m	125J	1.8	15				50 §	70	XC§	AF	SC74
63	TIC11	100	5.0 Δ	80C	300m	2.5	360m	1.0m	100C	2.3	5.0	1.5u		6.0u		30 *	XA☑		TO3
64#	CS5-100	100	5.0	85C	30m	3.0	50mØ			1.2	15		.20	60u	200	110 §	XC§		
65	CM107	100	5.0	100C	200u	.80	3.0m	500u†	150C	3.0	5.0	500n	1.0	50u	150 Ø	20	XF*		TO59
66#	CR5-102B	100 †	5.0	125C	80m	3.0	150m	10m	125C	3.0	5.0	2.0u	5.0	12u	20		XC☑	AF	TO48
67#	BTZ36	100	5.5	85C	25m	1.5	30m			1.8	10	1.0u☑	5.0	30u		65	XA§		M347a
68#	TM1010	100	6.0	25A	40m	3.0	40mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	SC22d
69#	TRA1	100	6.0	25A	40m	3.0	50mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	RD17f
70#	TRA1D	100	6.0	25A	40m	3.0	50mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	SC18
71#	BTY28	100	6.0	60B	15m	2.0	4.0m§	9.0m	125J	1.6	10 §	2.0u	10	19u		55	XC*	AF	SC3
72#	BTY34	100	6.0	60B	15m	2.0	2.0m§	9.0m	150J	1.6	10 §	2.0u	10	14u		55	XF*	AF	SC3
73#	TP1004	100	6.0	100C	40m	3.0	100m	3.0m		1.2	4.0	2.0u	4.0	30u	100 §Ø	80	XC☑	AD	S18a
74	GCS10	100	6.3	80C	25m	1.5	50m	1.0m	100	1.8	20	1.5u	6.0	4.0u	200 Ø	60 §	XB*	AF	SC59
75#	BTY79-100	100	6.4		25m	2.5	10mØ	5.0m	125	2.3	20	3.0u	10	15u	20	50	XC§		
76#	2SF1116	100	6.5	25	28m	2.0	6.0	2.0	125J	1.4	10		3.0	20	50	50	XC§		RD3a
77#	T6.5N100	100	6.5	85C	15m	3.0										120	XA§		
78#	GCO1005	100	7.0	25A	100m	3.0	100mØ	1.5m		2.0	5.0					35	XA§	AF	TO48
79	SCR51A	100 ☑	7.0	60C	20m	2.0	25m	1.0mΔ	125C	1.9 Δ	15	1.0u§	100	20u§		100 §	XC§	AF	SC17
80	SCRF51A	100 ☑	7.0	60C	20m	2.0	50m	1.0mΔ	125C	1.9 Δ	15	2.0u§	10	6.0u§		100 §	XC§	AF	SC17
81	SCRF510	100 ☑	7.0	60C	25m	2.0	50m	1.0m	125C	1.9 Δ	15	2.0u§	10	12u§		100 §	XC§	AF	SC17
82	TI3011	100	7.0	60C	25m	3.0	30m	1.0m	125	1.8	5.0						XC☑	AB	RD20
83	TI40A1	100 †	7.0	70C	25m	3.5	25m	1.0m	105C	2.0	5.0					100 Δ	XA*	AF	TO64
84#	BTX31-100R	100	7.0	75C	15m	3.0	15m	5.0m	125J	1.8	7.0					100	XC		S276
85	SCRJ10	100 ☑	7.0	75C	25m	2.5	50m	2.0mΔ	105C	2.0 Δ	15	3.0u§	5.0	30u§		600 §	XA☑	AF	SC17
86#	TAG7-100R	100	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0					100	XA		S276
87#	TAG7S100R	100	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0			12u§		100	XA		S276
88#	BTX31S100R	100	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0			12u§		100	XC		S276
89#	BTX71-100R	100	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	20u	200	100	XC		S276
90#	BTX71S100R	100	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	20u	200	100	XC		S276
91#	SS1010	100 ☑	7.2	40A	50m	3.0	25m	5.0mØ	100J	1.5 Δ	10	2.5u	10	10u			XA§		S118
92	5RC10	100 ☑	7.4 Δ	60C	15m	2.0	5.0mØ	4.5m	105C	1.9	15 †	2.5u	60		20	60 Δ	6A§	AF	TO64
93#	SF5B11	100	8.0	24	20m	2.0		9.0m	125J	2.0	20					60	XC§	AF	SC22a
94#	CR8.101A	100	8.0	25A												85	XA§		S32
95	MCR1305R3	100	8.0	63C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		S190a
96#	BTX52	100 Ø	8.0	65C	200u	1.0	2.5m	200uΔ	150	2.4	10	3.0u	5.0	22u☑		60 *	XF§		TO3
97	MCR1304R3	100	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		C64a
98	MCR1305-3	100	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	100	XA§		S190
99	MCR1604R3	100	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		C65a
100	MCR1605R3	100	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		M225a
101	MCR1304-3	100	8.0	70C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	100	XA§		C64
102	HCR5-100	100	8.0	80§	25m	3.0	50m	500u	80	2.0	5.0					60	X8		S114
103	NCR102D	100	8.0	80B§	25m	3.0											XA*		S222
104#	BTX57	100 Ø	8.0	85C	15m	1.2	25m	2.0mΔ	125	2.2 †	8.0					60	XF§		TO3
105#	CS8-100	100	8.0	85C	30m	3.0	50mØ			1.3	24		.20	60u§	200	170 §	XC§		
106#	SH5B11	100	8.0	90C	30m	2.5	50m	4.0m	125J	2.0	20	6.0u	10	10u	100 Δ	60	XC§	AF	SC22a
107#	2SF323A	100	8.0	108	20m	2.0		9.0m	150J	2.0	20					60	XF§	AF	SC22a
108	SE9230	100 Δ	8.5	55C	1.0m	.80	10m	2.0m†Δ	125C	2.2	10	1.0u	5.0	13u	200	60 §*	XC☑		RD3b
109	SE9200	100 Δ	8.5	55C	25m	1.2	75m	2.0m†Δ	125C	2.2	10	800n	5.0	15u	200	60 *§	XC☑		RD3b
110#	BTX64-100R	100	8.5	85B	65m	3.5	10mØ§	13m	125J	3.0	50	400n	10	10u	25	140 *	XC§	AF	TO48

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	BTX75-100R	100	8.5	110B	65m	3.5	10mØ§	13m	150J	3.0	50	3.0u	10	25u		140	XF§	AF	TO48
2#	TP1006	100	9.0	100C	40m	3.0	100m	3.0m		1.2	6.0	2.0u	6.0	30u	100 §Ø	100	XC☑	AD	S18a
3#	CR10C	100 ☑	10	20A	70m	3.5	13m§	13m△	100J	1.3 Ø			20			100	XA*		S176
4	NCR100D	100	10	25C$				5.0m	25C	1.2	10							AD	SC4
5#	BTY84	100	10	25A	25m§	3.5	20m§	12mØ	100J	1.2	16	4.5u§	50	20u§		120	XA*	AF	SC12
6#	TRA11	100	10	25A	80m	3.0	50mØ	3.0m	110J	2.0	30	2.0u§	10	50u§	50 Ø§	125		AF	RD17f
7#	TRA11D	100	10	25A	80m	3.0	50mØ	3.0m	110J	2.0	30	2.0u§	10	50u§	50 Ø§	125		AF	SC18
8#	CR10B2	100	10	59C	30m	2.5		3.0m	100J	1.6	30					150 △	XA§	AF	SC69
9#	2SF272	100	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10					90	XA§	AF	SC22b
10#	2SF272A	100	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10		10	15u☑	100 △	90	XA§	AF	SC22b
11#	TAG10-100R	100	10	65C	30m	3.0	30m	5.0m	105J	1.8	10					120	XA		S276
12#	TAG10S100R	100	10	65C	30m	3.0	30m	5.0m	105J	1.8	10			12u§		120	XA		S276
13	RTV0110	100	10	65C	50m	3.0	200m	2.0m	100	2.5	30	200n	10		100	100	XA☑	AF	SC18
14	RTV0410	100	10	65C	50m	3.0	200m	2.0m	125	2.5	30	200n	10		100	100	XC☑	AF	SC18
15#	CR10EY2	100	10	66C	40m	2.5		4.0m	125J	2.5	30		10	15u☑	100 △	140 △	XC§	AF	SC69
16#	CR5-1029B	100	10	70C	80m	3.0	20mØ	10m	100C	2.0	16	2.0u	20	4.0u☑	20	90	XC		
17#	BTX32-100R	100	10	85C	25m	3.0	25m	5.0m	125J	1.8	10					120	XC		S276
18#	BTX32S100R	100	10	85C	25m	3.0	25m	5.0m	125J	1.8	10			12u§		120	XC		S276
19#	BTX72-100R	100	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	20u	200	120	XC		S276
20#	BTX72S100R	100	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	12u§	200	120	XC		S276
21#	CR10-102B	100 †	10	125C	80m	3.0	150m	10m	125C	2.0	10	2.0u	10	30u	20		XC§	AF	TO48
22#	2SF711	100	11	50B	40m	3.0		4.5m	100J	2.8	50				100	125	XA§	AD	SC4b
23#	CS22E	100	11.7	80B	50m	2.5	25m	10m	100J	2.2 △	30	2.0u		20u	20	125	XA§		S159
24	UCR10	100 △	12	55C	50m		50m			1.2	3.0			15u	250	60	XC§		SC55
25#	2SF282	100	12	61C	50m	3.5	15mØ	3.0mØ	100	1.4	12					150	XA§	AF	SC15a
26#	2SF282A	100	12	61C	50m	3.5	10mØ	3.0mØ	100	1.4	12		12	15u	100 △	150	XA	AF	SC15a
27#	BTX65-100R	100	12	85B	65m	3.5	10mØ§	13m	125J	2.0	50	400n	10	10u	25	200	XC§	AF	TO48
28#	CR10-1029B	100	12	85C	80m	3.0	20mØ	10m	125C	2.0	5.0	2.6u	32	4.0u☑	20	120	XC		
29#	BTX76-100R	100	12	110B	40m	3.0	10m§Ø	13m	150J	2.0	50	3.0u	10	25u		200	XF§	AF	TO48
30#	T14/100	100	14	20	50m	3.0	8.0mØ			2.0	50				10	150	XC		M351
31#	SS2010	100 ☑	14.5	40A	60m	3.0	50m	8.0mØ	100.1	1.2 △	20	2.5u	20	10u			XA§		S119
32#	2SF73	100	15	25C	50m	3.0		12m	100C	1.2 △	7.0					100	XA	AF	SC11
33	204B	100 ☑	15	105J	50m	2.0	50m	2.0m	105	1.6	15	6.0u§	15	10u	35 §	125	XA	AF	S121a
34#	SIT14-100	100	15.5	90B	50m	3.0	8.0mØ			2.0	30	2.6u	10	20u	10	200	XC§	AF	M329
35#	CR16C	100 ☑	16	20A	70m	3.0	13m§	13m△	100J	1.0 Ø	16			20u		100	XA*		S176
36#	BTY88	100	16	25A	25m§	3.0	10m§	6.5mØ	125J	.86	16	4.5u§	50	20u§		140	XC*	AF	SC12
37#	TR1015S	100	16	25A	80m	3.0	100mØ	5.0m	125J	2.5	50	2.0u§	10	20u§	200 §	250		AF	SC62
38#	TRA21	100	16	25A	80m	3.0	50mØ	3.0m	110J	2.0	50	2.0u§	10	50u§	50 Ø§	250		AF	RD17f
39#	TRA21D	100	16	25A	80m	3.0	50mØ	3.0m	110J	2.0	50	2.0u§	10	50u§	50 Ø§	250		AF	RD17f
40#	SF10B11	100	16	26	80m	3.5		25m	100C	3.0	50					113	XA§	AD	SC4
41#	BTY51	100	16	60B	40m	3.0	10m§	13m	125J	1.5	10 §	1.6u	1.0	8.0u		140	XC*	AD	SC4
42#	BTY58	100	16	60B	40m	3.0	10m§	13m	125J	1.5	10 §	1.6u	1.0	8.0u	20	140	XC§	AD	SC4
43	RTV0310	100	16	65C	25m	2.0	50m	1.0m	100	2.0	50	.20u	16		100	150	XA☑	AF	SC18
44	RTV0610	100	16	65C	25m	2.0	50m	1.0m	125	2.0	50	.20u	16		100	150	XC☑	AF	SC18
45	10RC10	100 ☑	16 △	65C	40m	3.0	10mØ	6.5mØ	105C	2.3 †	31					125 △	6A§	AF	TO48
46	RTV0210	100	16	65C	50m	3.0	200m	2.0m	100	2.5	50	.20u	16		100	150	XA☑	AF	SC18
47	RTV0510	100	16	65C	50m	3.0	200m	2.0m	125	2.5	50	.20u	16		100	150	XC☑	AF	SC18
48	T400011006	100	16 △	75	80m	3.0	100m	6.5m	125J	2.3	30				100	150	XC§	AF	TO48
49#	CS16-100	100	16	85C	80m	3.0	50mØ			1.3	48		.20	60u§	200 §	350 §	XC§		
50	T408011006	100	16 △	87	80m	3.0	100m	13m	125J	1.5	10				25	125	XC§	AF	TO48
51#	CR16-102B	100 †	16	125C	40m	3.0	120m	10m	125C	2.0	16	2.0u	10	20u	20		XC☑	AF	TO48
52#	T14F100C	100	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		SC7b
53#	T14F100E	100	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		MU5
54#	T14N100	100	17	85C	50m	3.0	40m	10m	125J	2.5	50	1.5u☑	10	20u		200	XC§		M351
55	MCR1308-3	100 ☑	18	47C	50m	1.5	8.0mØ	5.0m†△	100J	1.5 △	18 §	1.0u	18	12u§	30 △	225 △	XA§		S192☑
56	MCR808-3	100 ☑	18	57C	50m	1.5	8.0mØ	5.0m†△	100J	1.5 △	18 §	1.0u	18	12u§	30 △	225 △	XA§		M90☑
57	TIX91	100	18	75C	40m	3.5	40m	1.0m	125	1.6	18				100		XC☑	AD	RD21
58#	2SF32	100 ☑	19	50B	40m	3.0		13m	100J	2.0	50					150	XA§	AF	SC15
59#	CS21E	100	19	70B	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20u	20	200	XA§		S159
60#	CS32E	100	19.5	75B	50m	2.5	25m	20m	100J	1.8 △	50	2.0u		20u	20	360	XA§		S80
61#	BTX12/100R	100	20	25$	50m	3.0	40m§			3.5 §	175	4.0u§	10	10u§	20 §	250	XC§		S182
62#	TAG20-100R	100	20	45C	50m	3.0	50m	5.0m	105J	1.8	20					150	XA		S276
63#	TAG20S100R	100	20	45C	50m	3.0	50m	5.0m	105J	1.8	20			12u§		150	XA		S276
64#	2SF460	100	20	53C	50m	3.5	10mØ	10mØ	125	2.0	20		20	6.0u☑	50 △	300	XC§	AF	SC15a
65#	CR20A2	100	20	57C	50m	3.0		3.0m	100J	1.8	60					300 △	XB§	AF	SC15a
66#	2SF292	100	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20					300	XA§	AF	SC15a
67#	2SF292A	100	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20		20	15u☑	100 △	300	XA§	AF	SC15a
68	MCR2918-3	100 △	20 △	63C	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240 △	XA§	AF	SC18
69#	BTX33-100R	100	20	65C	50m	3.0	50m	5.0m	125J	1.8	20					150	XC		S276
70#	BTX33S100R	100	20	65C	50m	3.0	50m	5.0m	125J	1.8	20			12u§		150	XC		S276
71#	CR16-1029B	100	20	75C	60m	3.0	7.0mØ	10m	125C	2.0	50	2.5u	50	4.0u☑	20	160	XC		
72	MCR2818-3	100 △	20	100J	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240	XA§	AD	RD21
73	MCR2819-3	100 △	20	100J	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240	XA§	AF	SC18
74#	SIT18-100	100	20.5	90B	50m	3.0	8.0mØ			1.8	30	2.6u	10	15u	25	300	XC§	AF	M329
75#	T30/100	100	21	20	100m	3.0	20mØ			1.5	100				200	550	XC		M351
76	TCR102	100	22	25C	50m	3.0	25mØ§	3.0mØ	100C	820mØ	20 §	7.5u		12u		150	XC☑		SC25
77#	2SF721	100	22	64B	40m	3.0		4.5m	125J	2.0	50				100	150	XC§	AD	SC4b
78#	TR1015	100	22.5	70C	25m	3.0	200m	3.0m	125J	2.0	30	1.5u	5.0	40u	40 Ø	250	XC☑	AF	TO48
79#	T18F100	100	23	85C	50m	3.0	40m	10m	125J	2.3	60	1.5u☑	15	6.0u☑		300	XC§		M353
80#	T18F100C	100	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		SC7b
81#	T18F100E	100	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		MU9
82#	BTZ11	100	24	125J	50m	3.0	30m	5.0m△	125J	2.1	50	3.0u	15	20u	25	350	XC§		S34
83	T400011606	100	25 △	45	80m	3.0	100m	6.5m	125J	2.3	50				100	250	XC§	AF	TO48
84#	2SF240	100 ☑	25	55B	40m	2.0	10mØ	6.5mØ	125J	2.2 △	16	3.0u	10	15u§	20 §	150 *	XC%	AF	TO48
85#	SF16B11	100	25	57	40m	3.0		13m	125C	1.9	50					135	XC§	AD	SC4
86#	BTX73-100R	100	25	60C	40m	3.0	50m	13m	125J	2.0 △	50	1.4u	10	20u	200	150	XC		S276
87#	BTX73S100R	100	25	60C	40m	3.0	50m	13m	125J	2.0 △	50	1.4u	10	12u§	200	150	XC		S276
88#	SH16B11	100	25	60C	50m	3.0	70m	6.0m	125J	1.9	50	6.0u	32	10u	100 △	135	XC§	AF	SC72
89	TI3038	100	25 △	60C	100m	4.0	130mØ	3.0m	125C	2.5	25	2.5u	25	2.9u	200	200	XC☑	AF	TO48
90#	T18/100	100	28	20	50m	3.0	8.0m			1.8	65				25	200	XC§		M353
91#	BTX13-100R	100	30	25$	50m	3.0	40m§			3.5 §	250	4.0u§	10	6.0u§	20 §	300	XC§	AF	SC34
92#	CR30-01	100	30	90C	60m	3.0		4.0m	125C	1.6 †	90					350 §	4C§	AF	SC61
93#	CS31E	100	32	70B	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	580	XA§		S80
94#	BTX66-100R	100	32	85B	80m	3.0	10mØ§	13m	125J	3.3	500	500n	50	15u	7.0	680 *	XC§	BX	TO94
95#	SIT30-100	100	34	90B	100m	3.0	20mØ			1.4	50	6.0u	25	20u	25	800	XC§	AF	M329
96	T400012206	100	35 △	18	80m	3.0	100m	6.5m	125J	2.3	70				100	360	XC§	AF	TO48
97	SCR161A	100 ☑	35	25C	25m	2.0	50m	6.0m△	125C	2.0	50	1.0u§	200	20u§		200 §	XC§	AF	TO48
98	SCRF161A	100 ☑	35	25C	25m	2.0	100m	6.0m△	125C	2.0	50	20u§	10	6.0u§		200 §	XC§	AF	TO48
99	ZJ244A	100	35	25C	40m	1.7	50m	13m	150J	2.1	50	1.5u	10	24u	30	150	XF☑	AF	TO48
100	SCRF1610	100 ☑	35	25C	40m	3.0	100m	6.0m△	125C	2.0	50	2.0u§	10	12u§		200 §	XC§	AF	TO48
101	TSC40A	100	35	25	80m$	3.0 $		6.5mØ	125C	2.2 $	16			12u		150	XC☑	AF	TO48
102	ZJ253A	100	35	25C	180m	3.0	150m	5.5m	125C	2.5	100	1.5u	20	15u	200 §	200	XC	AF	TO48
103	ZJ255A	100	35	25C	180m	3.0	150m	5.5m	125C	2.5	100	1.5u	20	10u	200 §	200	XC	AF	TO48
104	T408012206	100	35 △	40	80m	3.0	100m	13m	125J	2.0	50				25	150	XC§	AF	TO48
105	NL571A	100	35	62C	40m	2.5	.10	5.0m	125J	1.5	50	1.4u	5.0	30u	200	600	XB§	AF	TO48
106	MCR2835-3	100 △	35	100J	40m	1.5	50m	5.0m	100J	1.5	35	1.0u	35	15u	50 Ø§	325	XA§	AD	RD21
107	MCR2935-3	100 △	35	100J	40m	1.5	50m	5.0m	100J	1.5	35	1.0u	35	15u	50 Ø§	325	XA§	AF	SC18
108#	CR30-104A	100	36	25	60m	3.0	66m			1.4	30		30	20u		500	XC	AF	TO49
109#	T30F100	100	40	85C	100m	3.0	80m	10m	125J	1.8	100	2.0u☑	25	10u☑		800	XC§		M351
110#	T30F100C	100	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u☑	25	25u§	50 §	800 §	XC§		SC7b

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	T30F100E	100	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u⊘	25	25u§	50 §	800 §	XC§		MU8
2#	CR50-01	100	50	80C	80m	3.0		10m	125C	1.6 †	150					950 §	4C§	BX	SC42d
3#	T50/100	100	51	20	100m	3.0	20mØ			1.5	100				200	550	XC		M349a
4	C146A	100	55 △		100m	3.0								40u⊘			XC*		SC41
5	NL548A	100	55 △	89C	200m	2.5	500m	8.0m	125J	3.6 †	500	5.0u	50	15u§	200 §	1.2k	XC§	AF	TO83
6	NL549A	100	55 △	89C	200m	2.5	500m	8.0m	125J	3.6 †	500	5.0u	50	20u§	200 §	1.2k△	XC§	AF	TO83
7	NL551A	100	55 △	89C	200m	2.5	500m	8.0m	125J	3.6 †	500	5.0u	50	15u§	200 §	1.2k△	XC§	BX	TO94
8	NL552A	100	55 △	89C	200m	2.5	500m	8.0m	125J	3.6 †	500	5.0u	50	20u§	200 §	1.2k△	XC§	BX	TO94
9	213B	100 ⊘	55	125J	110m	4.0	10mØ	14m	125	1.7	35	1.5u§	50	15u§	100 §	500		AF	SC3a
10#	SIT50-100	100	60	90B	100m	3.0	20mØ			1.5	60	6.5u	50	25u	25	800	XC§	BX	M330
11#	BTX67-100R	100	62	85B	80m	3.0	10mØ§	13m	125J	2.5	500	500n	50	15u	7.0	900	XC§	BX	TO94
12#	T50F100	100	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.0u⊘	25	30u§	50 §	800 §	XC§	BX	M330b%
13#	CR50-104A	100	64	25	100m	3.0	73m					5.5u	50	20u		600	XC	AF	TO49
14#	CR70B2	100	70	74C	70m	3.0		6.0m	125J	1.7	220				10 △	1.5k△	XC§	AF	SC34b
15#	2SF49	100	79	25	150m	3.5		30m	100C	2.8	250					600	XA§		S136
16	TCR1050	100	80	70C	50m	3.0	25mØ	4.0mØ	100C	750mØ	50 §	4.5u		18u		1.0k	XC⊘	AF	SC24
17#	CR80.101	100	80	75B§						2.5							XA§	AF	M30
18#	CS41E	100	85	70B	100m	2.5	60m	20m	100J	2.2 △	220	2.0u		20u		1.0k	XA§		M129
19#	BTY21	100	90	125J	80m	3.0	100m	10m△	125J	2.0	200	8.0u	50	20u		1.8k	XC§		M52
20#	110T4	100	93	125J§	100m	2.0	20m	50m	125C	1.6	500	10u	200	45u		1.2k*	XC§		S226
21#	TS1060	100	95	100B§	100m	3.0		5.0m	100	1.2	60					1.0k	XC⊘		
22#	2SF302	100	100	60C	150m	2.5	15mØ	10mØ	100	1.3	200					2.0k	XA§	AF	S189b
23#	CR100.101	100	100	75B§						2.0							XA§	AF	M30
24#	CR100-01	100	100	90C	100m	3.0		10m	125C	1.8 †	350					1.2k§	4C§	BX	SC42c
25#	SIT95-100	100	103	90B	200m	3.0	25mØ			1.6	200	8.0u	50	30u	25	1.8k	XC§	BX	M331
26#	10TC10B	100	110	30C	60m	3.0	20m			1.5	110	3.0u	110	25u	20	1.1k	XA§	BX	SC32
27#	2SF353	100 ⊘	110	60B	70m	2.5	10mØ	6.5mØ	125J	1.9 △	70	4.5u	50	20u§	20 §	1.0k*	XC%	BX	SC10
28#	70RC10	100	110	60B	70m	2.5	10mØ	6.5m	125B	1.8	70	4.5u	50	20u		1.0k	XCØ	BX	SC10
29	70RCF10A	100 ⊘	110	60B	70m	2.5		6.5mØ	125J	1.8 △	220		50	20u§		1.0k§	XC§	AF	TO49
30#	BTY65	100	110	60B	70m	3.0	20m§	13m	125J	1.1	100 §	2.0u	50			1.0k	XC*	AF	SC3a
31	156A	100	110	60C	500m	40	500m					5.0u§	50	7.0u	200	1.0k	XC	AF	SC8
32	157A	100	110	60C	500m	40	500m					5.0u§	50	12u	100	1.0k	XC	AF	SC8
33	NLE155A	100	110	83C	.15	2.5	.50	8.0m	125J	3.0	500	5.0u	50	20u	200	1.4k	XC§	BX	TO94
34	NLE157A	100	110	83C	.15	2.5	.50	8.0m	125J	3.0	500	5.0u	50	20u	200	1.4k	XC§	AF	TO83
35	NL2N2025	100	110	87C	75m	3.0	100m	15m	150J	2.5	500	5.0u	50	50u	200	1.0k	XF§	AF	TO49
36	809B	100	110	100B	50m	3.0	20mØ	20m		800mØ	70	3.0u⊘		30u⊘		1.0k	XC§		A17d
37	212B#1	100 ⊘	110	125J	90m	3.0	10m	14m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	SC16
38	212B#2	100 ⊘	110	125J	90m	3.0	10m	14m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	TO49
39#	T95F100	100	115	85C	100m	3.0	300m	30m	125J	1.8	300	2.5u⊘	50	30u§	50 §	2.0k§	XC§	BX	MU6
40#	T180/100	100	120	20	400m	3.0	40m			1.2	500				200	3.5k	XC		M352a
41#	2SF42	100	126	53	100m	2.0		30m	125C	1.8	250					900	XC§		S136
42#	T20N100R3	100	149	70C	200m	2.5										149	XA⊘		M199
43#	T95/100	100	150	20	80m	3.0	25m			1.5	300				200	1.2k	XC		M352b
44#	TT1	100	150	60C	500m	3.0	300m	25m	100J	2.2	350	5.0u	15		20 §Ø	2.0k	XA⊘	BX	SC36
45#	310T4	100	160	125J§	100m	2.0	20m	50m	125C	1.6	500	10u	200	45u		2.0k*	XC§		S235
46#	2SF1141	100	175	75C	300m	3.0		15m	125J	1.7 §	500				100 △	4.0k△	4C§	BX§	SC42c
47#	CR150B2	100	175	75C	300m	3.0		15mØ	125J	1.8 †	500 §					4.0k△	XC§	BX	SC42
48	228B	100	175	125J	300m	3.0		15m	125J	1.4	100	5.0u	100	40u	100	3.3k*	XC§	BC	MU15
49#	SIT180-100	100	180	90B	400m	3.0	40mØ			1.4	350	9.0u	100	50u	25	4.5k	XC§	BX	MU4
50	218B	100	200	80C	300m	4.0		15m	125J	1.3	100			40u	100	3.3k*	XC§	BX	TO93
51#	BTY11	100	200	125J	200m	3.0	200m	20m△	125J	2.0	600	15u	100	40u	25	3.5k	XC§		
52#	T170F100	100	210	85C	250m	3.0	300m	50m	125J	1.6	500	3.0u⊘	100	30u§	50 §	4.0k§	XC§	BX	M330c%
53	200B	100	230	85C	100m	2.5	15m	15m	125J	1.2	150					3.5k	XC§	BX	SC21
54#	CR150-101A	100	235	25	150m	3.5	55m					6.5u	150	100u		3.3k	XC		M201
55#	CR150-102B	100	235	25	150m	3.5	55m					6.5u	150	20u		3.3k	XC		M201
56#	2SF361	100 ⊘	235	55B	100m	2.5	50mØ	10mØ	125J	1.7 △	150	5.0u	100	25u§	4 §	3.0k*	XC§		S86
57#	2SF333	100	235	64	100m	2.0		25m	125J	1.5	500					3.2k	XC§		S136a
58	6RW56BC	100	235	75B	100m	2.0	12mØ	16m	125J	650m§	150 Ø	4.5u		25u		300			S71
59#	CR150-102A3	100	235	75C	150m	3.5	35mØ	15m	25C	1.4	450	6.5u	400	35u	20	3.3k	XC⊘		M201
60#	CR150-102A4	100	235	75C	150m	3.5	35mØ	15m	25C	1.6	450	6.5u	400	35u	20		XC⊘		M201
61#	CR150-102A5	100	235	75C	150m	3.5	35mØ	15m	25C	1.8	450	6.5u	400	35u	20		XC⊘		M201
62#	CR150-102A6	100	235	75C	150m	3.5	35mØ	15m	25C	2.0	450	6.5u	400	35u	20		XC⊘		M201
63#	CR250B2	100	250	21A	350m	4.0		15mØ	125J	1.8 †	780 §				10 △	5.0k	XC§	BX	M247a
64#	T20F100	100	250	55C	200m	2.5	50mØ	15m	25	1.5	450	5.0u		20u		3.5k	XC⊘		M201
65	229B	100	250	125J	300m	3.0		15m	125J	1.3	100	5.0u	100	40u	100	5.0k*	XC§	BC	MU15
66#	T260F100	100	260	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u⊘	100	50u§	50 §	4.0k§	XC§	BX	M330c%
67#	CR300A2	100	300	10A	350m	4.0		15mØ	125J	1.8 †	780 §				100 △	5.0k△	XC§	BX	M247a
68#	CR300AW2	100	300	11A	350m	4.0	30mØ	15m	125J	1.9 §	780			50 §	100 §	5.0k	4C	BX§	SC56
69	2231B	100	300	125J	300m	4.0		15m	125J	1.3 §	100	4.0u	100	30u	100	4.5k*	XC§	BX	SC1
70	2232B	100	300	125J	300m	4.0		15m	125J	1.3 §	100	8.0u	100	40u	100	4.5k*	XC§	BX	SC1
71#	BStL4006	100	325	59	300m	1.5	150m	10m	120	2.1	660				50	2.6k	XC§	AB	MU52
72	223B	100	370	25B	300m	4.0	25 §Ø	15m	125J	1.2 §	100			50u	50	5.0k*	XC§	BX	SC1
73#	250RC10	100	392		150m	2.0	40m	10m	125J	1.5	250	5.0u	100	100u	10	4.8k	XC§		
74	222B	100	400	25§	300m§	4.0 §	25m§	15m	125J	1.2 §	100					5.0k	XC§	BX	SC1
75	C510A	100	450 △	125J	200m	5.0	500m	10m	25C	2.2 †	500		300	12u§	200 §	4.0k	XC§	BR	MU20
76#	300RC10	100	470		150m	2.0	40m	10m	125J	1.4	300	5.0u	100	100u	10	5.5k	XC§		
77	6RW71B	100	470	65B	225m	3.1	25m	20m△	125J	650mØ	300	4.5u				5.5k	XC§	AF	SC19
78	6RW71BY	100	470	65C	250m	3.1		10mØ	125J	.65 Ø	300				4.0	5.5k§	XC	AF△	SC19
79#	BStN4006	100	625	60	300m	2.0	150m	10m	120	2.0	1.2k				50	5.5k	XC§		
80	C507A	100	625 △	125J	150m	4.0	100m	50m	125C	1.4	500	5.0u	25	100u⊘	100	6.5k	XC§	BR	MU20
81	C508A	100	625 △	125J	150m	4.0	100m	50m	125C	1.3	500	5.0u	25	60u⊘	100	9.0k	XC§	BR	MU20
82#	SIT0.8-100	110	1.25	65C	10m	3.0	20m	1.0m△	125J	1.2	1.5	2.0u	1.0	15u	15	20	XC§		TO5
83#	SIT4-100	110	4.5	90C	20m	3.0	25m	1.0m△	125J	1.3	4.5	2.0u	3.0	17u	15	55	XC§	AF	SC6
84#	CRS25/10AF	110	45	55B	50m	3.0	50m	10m△	110J	1.2	45	2.0u	25	20u	10	500	XC§	AF	SC12
85#	SIT20-100	110	45	55B	50m	3.0	50m	10m△	110J	1.2	45	2.0u	25	20u	10	500	XC§	AF	SC12
86#	CRS70-10AF	110	110	70B	50m	3.0	60m	20m△	125J	1.2	110	2.0u	70	30u	10	1.4k	XC§	AF	TO49
87#	SIT80-100	110	110	70B	50m	3.0	60m	20m△	125J	1.2	110	2.0u	70	30u	10	1.4k	XC§	AF	TO49
88	CS4-100	120	7.4		40m	3.0	30m	3.5m	100J	1.5	4.0					80	XA§	AF	S131a
89#	CS10-100	120	25		50m	3.0	8.0mØ	10m	125J	2.0	50	2.6u	10	20u	10	150	XC§		S34
90	NL-C37A	120	25	37C	80m	3.5	20mØ	5.0m	105J	2.3 †	30	1.4u	5.0		50	175	XA§	AF	TO48
91	NL-C40A	120	35	20C	40m	3.0								12u	200		XC§	AF	TO48
92#	CS15-100	120	38	70B	70m	3.0	8.0mØ	10m	125J	1.8	65	1.2u	50	20u	25 §	250	XC§		S34
93#	CS15-100A	120	38	70B	70m	3.0	8.0mØ	10m	125J	1.8	65	1.2u	50	12u	200 §	250	XC§		S34
94	NL-C45A	120	55	83C	70m	3.0	100m	8.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO83
95	NL-C46A	120	55	83C	70m	3.0	100m	8.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO49
96	TSC45A	120	55	85	125m	3.0	100m	8.0m	125	1.5	4.0	5.0u		30u	100	700	XC§	AF	SC8
97	TSC46A	120	55	85	125m	3.0	100m	8.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	TO49
98	211B	120	55	86S	70m	3.0	10m	20m	125J	1.4	35	1.0u		15u		700	XC*	AF	SC3a
99	209B	120	55	86B	170m	3.0	10m	20m	125J	1.4	35	1.0u		15u		700	XC§	AF	SC16
100	TS555A	120	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	TO49
101	TS556A	120	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	SC8
102	NL555A	120	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO49
103	NL556A	120	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO83
104	NL-C55A	120	110	78C	70m	3.0	100m	8.0m	125J	2.5 †	500	5.0u	50	20u	200	1.0k	XC§	AF	TO49
105	NL-C56A	120	110	78C	70m	3.0	100m	8.0m	125J	2.5 †	500	5.0u	50	20u	200	1.0k	XC§	AF	TO83
106	NL-C180A	120	235	80C	150m	3.0	500m	6.0m	125J	2.9 †	1.5k	8.0u	100		200 §	3.5k	XC§		TO93
107#	CS30-100BX	125	98	70	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	15u§	12 §	800	XC§		S231
108#	CS30-100BY	125	98	70	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	80u§	12 §	800	XC§		S231
109#	CS30-100CX	125	98	70	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	15u§	50 §	800	XC§		S231
110#	CS30-100CY	125	98	70	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	80u§	50 §	800	XC§		S231

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	61T1C	125	265	70B	300m	3.0	300m	20m	100J	2.0	535					2.6k	XCØ	BK	MU4
2#	71T1C	125	400	70B	300m	3.0	300m	20m	100J	1.9	780					3.8k	XCØ	BX	MU4
3#	CS30-100	140	30 Ø		100m	3.0	30m			1.8	90				10	500			
4#	2SF229	150	.10	25J	.50m	1.0	2.0mØ	.01m	25	2.0	.30					2.0	XA§		TO18
5	K46B150	150	200m	25	200u	800m	2.0m	100u	100A	1.5	200m					10	XA☑		TO46
6	C6205	150	.20	75A	200u	.80	5.0m	100u	100	1.5	.20						XF		MU1
7	RTH0615	150	200m	80C	20u	700m	2.0m	20u	125	1.2	200m	200n	200m		100	5.0	XC☑		MU19
8	RTH0515	150	200m	80C	20u	800m	5.0m	20u	125	1.3	200m	200n	200m		100	5.0	XC☑		MU19
9	RTH0415	150	200m	80C	100u	800m	5.0m	100u	125	1.5	200m	200n	200m		100	5.0	XC☑		MU19
10	RTH0115	150	200m	80C	200u	1.0	5.0m	100u	100	1.5	200m	200n	200m		100	5.0	XA☑		MU19
11	RTH0315	150	200m	80C	200u	1.0	10m	500u	125	1.5	200m	200n	200m		100	5.0	XC☑		MU19
12	RTH0215	150	200m	80C	1.0m	1.0	10m	1.0m	125	2.5	200m	200n	200m		100	5.0	XC☑		MU19
13	3A3150A	150	.30	75A	10m	2.0	50m	.01m	25	2.5	.50	.50u	.50			5.0	XF		TO9
14	3F150	150	.35	100	2.0m	1.5	10m	.01m	25	1.5	.20	.40u	.50	10u		5.0	XF		TO18
15	3G150	150	350m	100	2.0m	1.5	10m	10u	25	1.5	200m	400n	500m	10u		5.0	XF		A88
16	W463E	150	350m	100	2.0		10m	200u	125	1.5		50u		20u		6.0	XC		TO18
17#	2SF103	150 Ø	.38	25A	.50m	1.0		.10m	100J	2.5	4.0					15	XA§		TO5
18	3C6150	150	.50	100C	10m	2.0	50m		125C	2.0	.20						XC*		TO9
19	3A3150	150	.80	100	10m	2.0	50m	.01m	25	2.5	.50	.50u	.50	5.0u		5.0	XF		TO9
20	SCRJL15	150 ☑	1.0	25C	50m	2.0	50m	4.0m	100C	1.5	1.0	2.0u§	1.0	30u§		60 §	XA§	AD	AX5
21#	CS12G	150	1.0	60B	15m	2.5	12m	2.0	100J	2.5	3.0	2.0u		20u	20		XA§		P2dØ
22#	TSi1/150	150	1.0	60C	25m	2.5	15m	.10m	25	1.6	1.0	2.0u	.40	20u	20	15	X4*		TO5
23	RTF0615	150	1.0	80C	20u	700m	2.0m	20u	125	1.3	1.0	200n	1.0		100	15	XC☑		TO5
24	RTF0515	150	1.0	80C	20u	800m	3.0m	20u	125	1.3	1.0	200n	1.0		100	15	XC☑		TO5
25	RTF0415	150	1.0	80C	100u	800m	5.0m	100u	125	1.4	1.0	200n	1.0		100	15	XC☑		TO5
26	RTF0115	150	1.0	80C	200u	1.0	5.0m	100u	100	1.5	1.0	200n	1.0		100	15	XA☑		TO5
27	RTF0315	150	1.0	80C	200u	1.0	10m	500u	125	1.5	1.0	200n	1.0		100	15	XC☑		TO5
28	RTF0215	150	1.0	80C	1.0m	1.0	10m	1.0m	125	2.5	1.0	200n	1.0		100	15	XA☑		TO5
29	3B150S	150	1.0	100	2.0m	2.0		.01m	25	2.5	2.0	1.2u	.50	10u		6.0	XF		SC20
30	C9G	150	1.1	18A	8.0m	2.0	20m	1.5mØ	125J	1.1 Ø	1.1			12u		30 §	XC§		RD16
31	FT1873	150 △	1.25	100C	.20m	.80	5.0m	.10m△	125C	2.5 †	2.0				150 Ø	20 *§	XF§		TO5
32	FT1884	150 △	1.25	100C	2.0m	2.0	2.0m	.20m	125C	2.0 †	1.0				150 Ø	20 *§	XF§		TO5
33	HCR150N	150	1.4	80	10m		25m			2.0	1.4						XF§		TO5
34	HCR150P	150	1.4	80	10m		25m			2.0	1.4						XF§		TO5
35#	13T4	150	1.6 △	25C	10m	3.0	1.5mØ	.25m△	25J	2.0	1.0			20u		15	XA§		TO5
36#	CR1-151C	150 †	1.6	25C	10m	3.0	1.9m	1.0m	100J	2.0	1.0	1.4u	1.0			15	XA*		TO5
37#	SF1C11A	150	1.6	62C	1.0m	800m	10m	100u	100J	3.4	10					17	XF§		TO5
38	ID603	150	1.6	70C	200u	800m	3.0m	100u	110	2.5	4.0	1.0	1.0	40u	20 Ø	15	XB*		TO39
39	C6214	150	1.6	85C	200u	.80	2.0m	100u	125	1.5	1.6						XF		MU1a
40#	SF1C11	150	1.6	89C	1.0m	800m	10m	100m	125C	3.4	10					17	XC§		
41	SCRFL15	150 ☑	1.7	80C	15m	2.0	50m	1.5m	125C	1.2 △	1.0	2.0u§	1.0	12u§		60 §	XC§		AX5
42	C106G1	150	2.0 △	40	200u	800u	3.0m	10u	25	2.2 †	4.0	1.2u	1.0	40u	20 Ø§	15			M332
43	C106G2	150	2.0 △	40	200u	800u	3.0m	10u	25	2.2 †	4.0	1.2u	1.0	40u	20 Ø§	15			M332a
44	C106G3	150	2.0 △	40	200u	800u	3.0m	10u	25	2.2 †	4.0	1.2u	1.0	40u	20 Ø§	15			M332b
45	C106G4	150	2.0 △	40	200u	800u	3.0m	10u	25	2.2 †	4.0	1.2u	1.0	40u	20 Ø§	15			M332c
46	3B3150	150	3.0	85C	.20m	.80	10m	.01m	25	1.8	3.0				50	15	XF☑		SC38
47#	CR4.151A	150	4.0	25A												42	XA§		S32
48	SCR315	150 ☑	4.0	80C	10m	2.0	25m	1.0m△	125C	2.0 △	3.0	1.3u§	1.0	15u§		60 §	XF§	AF	SC6
49	207C	150 ☑	4.7	65C	50m	5.0	20m			1.6	10						XA		S114a
50	3RC15	150 ☑	4.7 △	92C	15m	2.0	5.0mØ	4.0m	105C	2.0	9.4 †					30 △	6A§	AF	TO64
51	206C	150 ☑	4.7	105	30m	2.0	50m	2.0m	105	1.6	2.0	4.0u§	2.0	8.0u	50 §	30	XA	AF	
52	TCR1503	150	5.0	25C															
53#	2SF263	150	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0					90	XA§	AF	SC22b
54#	2SF263A	150	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0		5.0	15m☑	100 △	90	XA§	AF	SC22b
55#	BTY29	150	6.0	60B	15m	2.0	4.0m§	8.0m	125J	1.6	10 §	2.0u	10	21u		55	XC*	AF	SC3
56#	BTY35	150	6.0	60B	15m	2.0	2.0m§	8.0m	150J	1.6	10 §	2.0u	10	16u		55	XF*	AF	SC3
57#	2SF13	150 ☑	6.5	60B	20m	2.1		8.0m	100J	2.3	20					50	XA§	AF	SC14
58	SCRF515	150 ☑	7.0	60C	25m	2.0	50m	1.0m	125C	1.9 △	15	2.0u§	10	12u§		100 §	XC§	AF	SC17
59	SCRJ15	150 ☑	7.0	75C	25m	2.5	50m	2.0m△	105C	2.0 △	15	3.0u§	5.0	30u§		600 §	XA☑	AF	SC17
60	5RC15	150 ☑	7.4 △	60C	15m	2.0	5.0mØ	4.5m	105C	1.9	15 †	2.5u	60		20	60 △	6A§	AF	TO64
61#	SF5C11	150	8.0	24	20m	2.0		8.0m	125J	2.0	20					60	XC§	AF	SC22a
62#	CR8.151A	150	8.0	25A												85	XA§		S32
63#	2SF324A	150	8.0	108	20m	2.0		8.0m	150J	2.0	20					60	XF§	AF	SC22a
64#	BTY43	150	9.6	60B	80m	3.5	20m§	12m	125J	2.0	10 §	1.7u	1.0	7.5u		115	XC*	AD	SC4
65#	CR10D	150 ☑	10	20A	70m	3.5	13m§	13m△	100J	1.3 Ø	10			20u		100	XA*		
66	NCR150D	150	10	25C§				5.0m	25C	1.2	10							AD	SC4
67#	SCR54	150	10	40B§				22m	25	1.2	10					120	XA		S40
68#	SS1015	150	10	40A	50m	3.0	3.0m	5.0mØ	25A	1.5 △	10	3.5u	10	15u		50	XC%		S118
69#	2SF273	150	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10					90	XA§	AF	SC22b
70#	2SF273A	150	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10		10	15u☑	100 △	90	XA§	AF	SC22b
71#	2SF23	150 ☑	11	50B	40m	3.0		13m	100J	2.8	50					125	XA§	AF	SC15
72#	CS22G	150	11.7	80B	50m	2.5	25m	10m	100J	2.2 △	30	3.0u		20u	20	125	XA§		S159
73#	2SF283	150	12	61C	50m	3.5	15mØ	3.0mØ	100	1.4	12					150	XA§	AF	SC15a
74#	2SF283A	150	12	61C	50m	3.5	10mØ	3.0mØ	100	1.4	12		12	15u☑	100 △	150	XA	AF	SC15a
75#	SS2015	150 ☑	14.5	40A	60m	3.0	50m	8.0mØ	100J	1.2 △	20	2.5u	20	10u			XA§		S119
76#	2SF74	150	15	25C	50m	3.0		6.5m	100C	1.2 △	7.0					100	XA	AF	SC11
77	204C	150 ☑	15	105J	50m	2.0	50m	2.0m	105	1.6	15	6.0u§	15	10u	35 §	125	XA	AF	S121a
78#	CR16D	150 ☑	16	20A	70m	3.0	13m§	13m△	100J	1.0 Ø	16			20u		100	XA*		S176
79#	SF10C11	150	16	26	80m	3.5		13m	100C	3.0	50					113	XA§	AD	SC4
80#	T21F10	150	16	40A	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20u	20	200	XA§		S242
81	NCF150E	150	16	57B§	80m	3.5		22mØ	100J	1.3 Ø	10			12u☑		125	XA§	AF	TO48
82#	BTY52	150	16	60B	40m	3.0	10 §	13m	125J	1.5	10 §	1.6u	1.0	7.2u		140	XC*	AD	SC4
83#	BTY59	150	16	60B	40m	3.0	10m§	13m	125J	1.5	10 §	1.6u	1.0	7.2u	20	140	XC§	AD	SC4
84#	SCR74	150	16	65B§				6.5m	25	860m						150	XC		S40
85	10RC15	150 ☑	16 △	65C	40m	3.0	10mØ	6.5mØ	105C	2.3 †	31					125 △	6A§	AF	TO48
86#	2SF33	150 ☑	19	50B	40m	3.0		13m	100J	2.0	50					150	XA§	AF	SC15
87#	CS21G	150	19	70B	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20u	20	200	XA§		S159
88#	CS32G	150	19.5	75B	50m	2.5	25m	20m	100J	1.8 △	50	2.0u		20u	20	360	XA§		S80
89#	2SF293	150	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20					300	XA§	AF	SC15a
90#	2SF293A	150	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20		20	15u☑	100 △	300	XA§	AF	SC15a
91	TCR152	150	22	25C	50m	3.0	25mØ§	3.0mØ	100C	820mØ	20 §	7.5u		12u		150	XC☑		SC25
92	TCR1520	150	22	25C	50m	3.0	25m§	3.0mØ	100C	820m	20 §	2.0		7.0u		150 §	XC☑		S146a
93#	2SF33A	150 ☑	22	64B	40m	3.0		13m	125J	2.0	50					150	XC§	AF	SC15
94#	2SF241	150 ☑	25	55B	40m	2.0	10mØ	6.5mØ	125J	2.2 △	16	3.0u	10	15u§	20 §	150 *	XC%	AF	TO48
95#	SF16C11	150	25	57	40m	3.0		13m	125C	1.9	50					135	XC§	AD	SC4
96	JAN2N684	150	25	65C§	40m	3.0	50m	10m	125C	1.5	16			30u☑		150	XC☑	AF	TO48
97#	T31F10	150	26	40A	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	600	XA§		S243
98#	CS31G	150	32	70B	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	580	XA§		S80
99	ZJ244G	150	35	25C	40m	1.7	50m	13m	150J	2.1	50	1.5u	10	24u	30	150	XF☑	AF	TO48
100	SCRF1615	150 ☑	35	25C	40m	3.0	100m	6.0m△	125C	2.0	50	2.0u§	10	12u§		200 §	XC§	AF	TO48
101	TSC40G	150	35	25	80m§	3.0 §		6.5mØ	125C	2.2 §	16			12u		150	XC☑	AF	TO48
102#	SCR94	150	50	90B				6.5m	30	1.2						750	XC		S58
103#	2SF113	150 ☑	55	68B	100m	3.5		26m	100J	2.7	500					700	XA§	AF	SC34b
104	213C	150 ☑	55	125J	110m	4.0	10mØ	14m	125	1.7	35	1.5u§	50	15u	100 §	500		AF	SC3a
105	40RCS15	150 ☑	63 △	87C	110m	3.0	200m	3.5mØ	105J	1.8 †	125					800 △	XA§	AF	SC50a
106#	2SF373	150	70	66C	150m	2.5	15mØ	10mØ	100	1.3	200					1.5k	XA§	AF	S189b
107#	BTY99-150R	150	70	85B	70m	3.0	10mØ§	13m	125J	2.5	500	3.0u	50	20u	10	900	XC§	AF	TO49
108#	2SF50	150	79	25	150m	3.5		30m	100C	2.8	250					600	XA§		S136
109	TCR1550	150	80	70C	50m	3.0	25mØ	4.0mØ	100C	750mØ	50 §	4.5u		18u		1.0k	XC☑	AF	SC24
110#	CR80.151	150	80	75B§						2.5							XA§	AF	M30

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CURRENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	2SF123	150 ☑	80	78B	100m	3.5		26m	125J	2.3	500					1.0k	XC§	AF	SC34b
2#	CS41G	150	85	70B	100m	2.5	60m	20m	100J	2.2 △	220	2.0u		20u	20	1.0k	XA§		M129
3#	115T4	150	93	125J§	100m	2.0	20m	50m	125C	1.6	500	10u	200	45u		1.2k*	XC§		S226
4#	2SF303	150	100	60C	150m	2.5	15mØ	10mØ	100	1.3	200					2.0k	XA§	AF	S189b
5#	CR100.151	150	100	75B§						2.0							XA§		M30
6#	10TC15B	150	110	30C	60m	3.0	20m			1.5	110	3.0u	110	25u	20	1.1k	XA§	BX	SC32
7#	2SF354	150 ☑	110	60B	70m	2.5	10mØ	6.5mØ	125J	1.9 △	70	4.5u	50	20u§	20 §	1.0k*	XC%	BX	SC10
8#	70RC15	150	110	60B	70m	2.5	10mØ	6.5	125B	1.8	70	4.5u	50	20		1.0k	XCØ	BX	S90
9	70RCF15A	150 ☑	110	60B	70m	2.5		6.5mØ	125J	1.8 △	220		50	20u§		1.0k§	XC§	AF	TO49
10#	BTY66	150	110	60B	70m	3.0	20m§	13m	125J	1.1	100 §	2.0u	50			1.0k	XC*	AF	SC3a
11	NL2N2026	150	110	87C	75m	3.0	100m	15m	150J	2.5	500	5.0u	50	50u	200	1.0k	XF§	AF	TO49
12	809C	150	110	100B	50m	3.3	20mØ	20m		800mØ	70	3.0u☑		30u☑		1.0k	XC§		A17a
13	212C#1	150 ☑	110	125J	90m	3.0	10m	14m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	SC16
14	212C#2	150 ☑	110	125J	90m	3.0	10m	14m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	TO49
15#	215T4	150	115	125J§	100m	2.0	20m	50m	125C	1.6	500	10u	200	45u		1.5k*	XC§		S226
16#	2SF43	150	126	53	100m	2.0		30m	125C	1.8	250					900	XC§		S136
17#	T20N150R3	150	149	70C	200m	2.5										149	XA☑		M199
18#	315T4	150	160	125J§	100m	2.0	20m	50m	125C	1.6	500	10u	200	45u		2.0k*	XC§		S226
19#	CR608SA0202	150	165	85C	150m	3.5	50mØ	30m	125J	1.6	450			125u§	300u	3.0k	XC§	BK	RD48a
20	200C	150	230	85C	100m	2.5	15m	15m	125J	1.2	150					3.5k	XC§	BX	SC21
21	C80G	150	235												200		XC		S237
22#	2SF362	150 ☑	235	55B	100m	2.5	50mØ	10mØ	125J	1.7 △	150	5.0u	100	25u§	4 §	3.0k*	XC§		S86
23	150RC15	150 ☑	235	55B	100m	2.5		10mØ	125J	1.7 △	471					3.0k	XC§		S86
24#	2SF334	150	235	64	100m	2.0		25m	125J	1.5	500					3.2k	XC§		S136a
25	6RW56CC	150	235	75B	100m	2.0	12mØ	16m	125J	650m§	150 Ø	4.5u		25u		3.0k			S71
26	151RCF15A	150	235 △	80C	100m	2.5	50mØ	10mØ	125J	1.4 †	471	7.0u	50	30u§	10 △	3.5k△	XC§	BX	TO93
27#	415T4	150	235	125J§	100m	2.0	20m	50m	125C	1.6	500	10u	200	45u		3.0k*	XC§		S226
28#	T20F150	150	250	55C	200m	2.5	50mØ	15m	25	1.5	450	5.0u		20u		3.5k	XC☑		M201
29	220C	150	275	25C	300m	4.0	25mØ	15m	125J	1.8	175				50 △	4.5k	XC§	BX	TO93
30#	250RC15	150	392		150m	2.0	40m	10mØ	125J	1.5	250	5.0u	100	100u	10	4.8k	XC§		
31	222C	150	400	25§	300m§	4.0 §	25m§	15m	125J	1.2 §	100					5.0k	XC§	BX	SC1
32	221C	150 ☑	400	80C§	200m	4.0	30m§			2.0 §	250					5.0k	XC☑	BX	S158
33#	CR7K203A5	150	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
34#	CR7K203A45	150	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
35#	CR7K203A4	150	460	65C	150m	3.5	55mØ	50m	125J	1.7	1.0k	3.5u	600	180u	100	6.4k	XC§	BX	M308b
36#	300RC15	150	470		150m	2.0	40m	10m	125J	1.4	300	5.0u	100	100u	10	5.5k	XC§		
37	6RW71C	150	470	65B	225m	3.1	25m	2.0mΔ	125J	650mØ	300	4.5u				5.5k	XC§	AF	SC19
38	6RW71CY	150	470	65C	250m	3.1		10mØ	125J	.65 Ø	300				4.0	5.5k§	XC	AF△	SC19
39#	CR7K203A35	150	480	65C	150m	3.5	78mØ	50m	125C	1.6	1.0k			180u		6.9k	XC%	BX	M308b
40#	CR7K203A3	150	500	65C	150m	3.5	78mØ	50m	125C	1.5	1.0k			120u		7.5k	XC%	BX	M308b
41#	CR807SB0202	150	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
42#	CR702SC0202	150	600	65C	150m	3.5	55mØ	50m	125C	1.3	1.0k	3.5u	600	180u	100	9.0k§	XC§	BK	RD48
43#	TSK10-02	160	22	35	100m	4.0	50m			1.3	22	12u		15u	5.0 §	400	XA§		S259#
44#	35T2	160	35	80B	150m	.25	150m	10m†		2.2 †	110					630	XCØ	AF	S63b
45#	TSK25-02	160	50	35	150m	4.0	70m			1.4	50	12u		15u	5.0 §	800	XB§	BK	S260
46#	33T2	160	55	72B	200m	3.0	150m	10m	100J	2.2	110					520	XCØ		S266a
47#	TSK35-02	160	65	35	150m	4.0	70m			1.2	65	12u		15u	5.0 §	900	XB§	BK	S260#
48#	TSK50-02	160	95	35	200m	4.0	100m			1.5	95	15u		20u	5.0 §	2.0k	XB§		S261#
49#	TSK65-02	160	120	35	200m	4.0	100m			1.2	120	15u		20	5.0 §	3.0k	XB§		S261#
50#	72T2	160	350	60B	300m	250m	400m	20m†		2.0 †	1.1k					5.4k	XCØ	BX	MU4a
51	NL-C40G	180	35	20C	40m	3.0								12u	200		XC§	AF	TO48
52	NL-C45G	180	55	83C	70m	3.0	100m	8.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO83
53	NL-C46G	180	55	83C	70m	3.0	100m	8.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO49
54	TSC45G	180	55	85	125m	3.0	100m	8.0m	125	1.5	4.0	5.0u		30u	100	700	XC§	AF	SC8
55	TSC46G	180	55	85	125m	3.0	100m	8.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	TO49
56	209C	180	55	86B	70m	3.0	10m	20m	125J	1.4	35	1.0u		15u		700	XC§	AF	SC16
57	211C	180	55	86S	70m	3.0	10m	20m	125J	1.4	35	1.0u		15u		700	XC*	AF	SC3a
58	TS555G	180	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	TO49
59	TS556G	180	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	SC8
60	NL555G	180	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO49
61	NL556G	180	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO83
62	NL-C55G	180	110	78C	70m	3.0	100m	8.0m	125J	2.5 †	500	5.0u	50	20u	200	1.0k	XC§	AF	TO49
63	NL-C56G	180	110	78C	70m	3.0	100m	8.0m	125J	2.5 †	500	5.0u	50	20u	200	1.0k	XC§	AF	TO83
64#	MA102A	180	235	85C	300m§	150m	400m§	20m	80	1.5 §	600	4.5u	200	30u	200	3.5k§*	XA☑	BX	SC39
65	C506B	200			220m	5.0	500m	10m	25C				300	40u§	200 §	8.0k	XC§	BR	MU20
66#	BRY34	200 Ø	.175	25A	.50m	.80	2.0m	.05m†	25	1.6 †	.50	1.5u☑	.20	15u☑	75	4.0	XC§		TO46
67	K40B200	200	200m	25	200u	800m	2.0m	100u	100A	1.5	200m					10	XA☑		TO48
68#	CR02A4	200 Ø	200m	40A	1.0m	1.0	2.0mØ	30m	125J	1.2 †	1.0					15	XC§		C114
69	W470D	200	200m	75	20u		2.0m	20u	150	1.5		150n		1.0u		6.0	XF		TO46
70	C6206	200	.20	75A	200u	.80	5.0m	100u	100	1.5	.20						XF		MU1
71	RTH0620	200	200m	80C	20u	700m	2.0m	20u	125	1.2	200m	200n	200m		100	5.0	XC☑		MU19
72	RTH0520	200	200m	80C	20u	800m	5.0m	20u	125	1.3	200m	200n	200m		100	5.0	XC☑		MU19
73	RTH0420	200	200m	80C	100u	800m	5.0m	100u	125	1.5	200m	200n	200m		100	5.0	XC☑		MU19
74	RTH0320	200	200m	80C	200u	1.0	10m	500u	125	1.5	200m	200n	200m		100	5.0	XC☑		MU19
75	RTH0220	200	200m	80C	1.0m	1.0	10m	1.0m	125	2.5	200m	200n	200m		100	5.0	XC☑		MU19
76	W498H	200	280m	55	20u		1.0m	20u	125	1.2		300n		10u		2.0	XC*		TO18
77	W498L	200	280m	55	20u		2.0m	100u	125	1.5		500n		10u		2.0	XC*		TO18
78#	2SF1112	200 Ø	300m	30A	1.0m	800m		100u	110J	1.2	600m					10	4B§	AE	RD12
79#	CR02AM4	200 Ø	300m	30A	1.0m	800m		100u	110J	1.2	600m					10	4B§	AE	RD12
80	W498D	200	350m	55	20u		500u	100u	150	1.2		300n		10u		2.0	XC*		TO18
81	HR881B	200	.35	100	.02m	.60	3.0m	.01m	25	1.5	1.0	.10u	.50	.50u		5.0	XF		TO18
82	HR881A	200	.35	100	.20m	.80	5.0m	.01m	25	1.5	1.0	.10u	.50	.50u		5.0	XF		TO18
83	W463F	200	350m	100	2.0m		10m	200u	125	1.5		50u		20u		6.0	XC		TO18
84	3F200	200	.35	100	2.0m	1.5	10m	.01m	25	1.5	.20	.40u	.50	10u		5.0	XF		TO18
85	3G200	200	350m	100	2.0m	1.5	10m	10u	25	1.5	200m	400n	500m	10u		5.0	XF		A88
86	HR1874B	200	.50	25A	20u	2.0	2.0m	1.0u		2.0	2.0				100	15	XF*		TO9
87	3C6200	200	.50	100C	10m	2.0	50m		125C	2.0	.20						XC*		TO9
88#	TDRA2	200	600m	25A	10m	3.0	20mØ	1.0m	125J	2.0	1.0	1.5u§	500m	20u§	50 Ø§	12			RD1a
89#	TD2001J	200	600m	25A	20m	3.0	40mØ	1.0m	125J	2.0	1.0	1.5u§	500m	15u§	50 Ø§	12			RD1a
90#	BRY24	200 Ø	.60	55A	.20m	1.0	2.5m	.20mΔ	150	2.7	5.0	3.0u☑	5.0	22u☑		15	XF§		TO5
91	3A3200	200	.80	100	10m	2.0	50m	.01m	25	2.5	.50	.50u	.80	5.0u		5.0	XF		TO9
92	3A3200A	200	.80	100	10m	2.0	50m	.01m	25	2.5	.50	.50u	.50	2.0u		5.0	XF		TO9
93#	T0.8N200	200	900m	85C	10m	3.0	25m	1.0m	125J	1.2	2.5	5.0u☑	1.0	25u	50 §	19 §	XC§		C41%
94#	TDR2	200	1.0	25A	20m	3.0	30mØ	1.0m	125J	2.0	1.0	1.5u§	500m	20u§	50 Ø§	12			RD1a
95	SCRJL20	200 ☑	1.0	25C	50m	2.0	50m	4.0m	100C	1.5	1.0	2.0u§	1.0	30u§		60 §	XA§	AD	AX5
96#	CS12J	200	1.0	60B	15m	2.5m	12m	2.0	100J	2.5	3.0	2.0u		20	20		XA§		P2dØ
97#	TSI1/200	200	1.0	60C	25m	2.5	15m	.10m	25	1.6	1.0	2.0u	.40	20u	20	15	X4*		TO5
98#	T.75F200	200	1.0	60	25m	2.5	20m	1.0m	90J	2.0	1.0	2.0u	.40	20u	20	15	X4*		TO5
99	RTF0620	200	1.0	80C	20u	700m	2.0m	20u	125	1.3	1.0	200n	1.0		100	15	XC☑		TO5
100	RTF0520	200	1.0	80C	20u	800m	3.0m	20u	125	1.3	1.0	200n	1.0		100	15	XC☑		TO5
101	RTF0420	200	1.0	80C	100u	800m	5.0m	100u	125	1.4	1.0	200n	1.0		100	15	XC☑		TO5
102	RTF0120	200	1.0	80C	200u	1.0	5.0m	100u	100	1.5	1.0	200n	1.0		100	15	XA☑		TO5
103	RTF0320	200	1.0	80C	200u	1.0	10m	500u	125	1.5	1.0	200n	1.0		100	15	XC☑		TO5
104	RTF0220	200	1.0	80C	1.0m	1.0	10m	1.0m	125	2.5	1.0	200n	1.0		100	15	XA☑		TO5
105	USAF117ES552M																		
		200	1.0	100C§	500u§	1.0 §	10m§	10u	25	2.0	1.0	3.0u	500m				XF§		TO39
106	3B200S	200	1.0	100	2.0m	2.0		.01m	25	2.5	2.0	1.2u	.50	10u		6.0	XF		SC20
107	C9B	200	1.1	18A	8.0m	2.0	20m	1.1mØ	125J	1.1 Ø	1.1			12u		30 §	XC§		RD16
108	SCR12A	200 ☑	1.1	25C	15m	2.0	20m	1.1mΔ	125C	1.2 △	1.0	1.0u§	30	20u§		60 §	XC§		AX5
109	SCRF12A	200 ☑	1.1	25C	15m	2.0	50m	1.0mΔ	125C	1.2 △	1.0	2.0u§	1.0	6.0u§		60 §	XC§		AX5

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	FT1874	200 △	1.25	100C	.20m	.80	5.0m	.10m△	125C	2.5 †	2.0				150 Ø	20 *§	XF§		TO5
2	MM1874A	200	1.25	100	200u	800m	5.0m	10u	25	2.5	2.0	100n	500m	500n		15	XF		TO9
3	FT1885	200 △	1.25	100C	2.0m	2.0	2.0m	.20m	125C	2.0 †	1.0				150 Ø	20 *§	XF§		TO5
4	TA2889	200	1.3	75C	600u$	1.5	5.0m	100u	110C	2.0	5.0				10 Ø	18	XB☑		C16x
5#	BRY36	200	1.3	80C	.10m	.80	1.0m	.10m	125	1.6 †	1.0	3.0u	5.0	22u	1k	15 §	XF§		TO5
6	FT2012	200 △	1.3	80C	.20m	1.0	5.0m§	.10m	125C	2.0	1.0					15 §*	XF§		TO5
7#	TO.8/200	200	1.4 Ø	20	10m	3.0	20m			1.0	6.0				25	15	XC		C41
8#	GCO2001	200	1.4	25A	25m	3.0	50mØ	1.0m		2.0	1.0					3.0	XA☑		TO5
9	HCR200N	200	1.4	80	10m		25m			2.0	1.4						XF§		TO5
10	HCR200P	200	1.4	80	10m		25m			2.0	1.4						XF§		TO5
11	X1RC20	200	1.5	25$	25m	3.0		15mØ		1.2	1.0					15	XC%		S151
12#	1B15CL20	200	1.5	25	50m	50	70m	5.0u	25	2.5	4.0					30	XA		
13	TI116	200	1.5	80C$	50m	250m§	50m	1.0m	125C	2.0	1.0					15 §	XF§		TO5
14	ID604	200	1.6	70C	200u	800m	3.0m	100u	110	2.5	4.0	1.0	1.0	40u	20 Ø	15	XB*		TO39
15#	TD2001S	200	1.6 △	80C	300u	3.0	1.0mØ	1.0m	125J	2.0 †	1.0 †	1.5u	1.0	60u	10 Ø	15	XC§		TO39
16	NCM7A	200	1.6	80C	10m	3.0		1.0m	125C	2.0 §	1.0			12u☑		15 §	XA*		TO5
17	C6215	200	1.6	85C	200u	.80	2.0m	100u	125	1.5	1.6						XF		MU1a
18	K1040☑	200	1.6	85C	570u	2.7	3.0m	100u	100					20u	50	15			TO5
19#	SF1D11	200	1.6	89C	1.0m	800m	10m	100m	125C	3.4	10					17	XC§		
20	SCRFL20	200 ☑	1.7	80C	15m	2.0	50m	1.1m	125C	1.2 △	1.0	2.0u§	1.0	12u§		60 §	XC§		AX5
21#	CR2AM4	200 Ø	2.0 §	60C	1.0m	1.0		100u	110J	1.8	4.0					20	4B§	AC	MU26a
22#	SM2D41	200	2.0	70C	75m	3.0	50m	1.0m	110J	2.6	6.0					12	XB§		MU26
23	40507	200	2.2	25A	15m	2.0	20m	2.0m	100C	2.5	30	1.5u	4.5	50u	10 §	80	XA☑	AD Ø	RD32c
24#	BRY29	200 Ø	2.2	85C	15m	1.2	25m	.20m†	25	1.5 †	1.0					15 §	XF§		TO5
25	SE9227	200 △	2.5	25C	.40m	.80	4.0m	1.5m†△	125C	2.5	4.0	.57u	5.0	15u	50	15 *§	XC☑		TO39
26#	TM2004	200	2.5	25A	25m	3.0	30mØ	3.0m	110J	2.0	8.0	2.0u§	1.0	60u§	50 Ø§	50		AF	SC22d
27	UCR20L	200 △	2.5	25A	50m		50m			1.2	3.0	500n	30	15u	250	60	XC§		AX7
28	3B3200	200	3.0	85C	.20m	.80	10m	.01m	25	1.8	3.0				50	15	XF☑		SC38
29#	2SF662	200	3.0	85B	28m	2.1	6.0mØ	2.0m	100J	1.4	10					50	XA§		
30#	2SF667	200	3.0	85B	28m	2.1	6.0mØ	2.0m	100J	1.4	10					50	XA§		
31#	CR3E4	200 Ø	3.0	95C	20m	2.0		1.5m	125J	1.2 †	3.0					50	XC§		C115
32#	2SF940	200	3.1	77	3.0m	840m	10mØ	1.0m	110J	1.7	6.0				20	20	XB§		TO66
33	SE9236	200 △	3.2	25C	1.0m	.80	10m	2.0mt△	125C	2.4	5.0	1.0u	5.0	13u	200	25 *§	XC☑		TO39
34	SE9206	200 △	3.2	25C	25m	1.2	75m	2.0mt△	125C	2.4	5.0	.80u	5.0	15u	200	25 *§	XC☑		TO39
35#	BStC0213	200	3.5	72B	40m	2.0	100m	2.0m	125J	1.7	11				50 §	70	XC§		MU23
36	C106B	200	4.0		200u	800m	3.0m	10u	25	2.2	4.0 †	1.2	1.0	100u	8.0 Ø	20	XB*		
37#	CR4.201A	200	4.0	25A												42	XA§		S32
38	TIC30	200	4.0	25C	25m	3.5	25m	1.0m	75C	1.3	4.0					125	XA☑		M368
39#	1B40CL20	200	4.0	25	50m	50	70m	5.0u	25	2.5	10					80	XA		M315
40	TC106B1	200	4.0 △	75C	200u	800m	3.0m	10u	25	2.2	4.0 †	1.0u	1.0	100u	100	20	XF%		RD45
41	SCR32A	200 ☑	4.0	80C	15m	2.0	25m	1.0m△	125C	2.0 △	3.0	1.0u☑	60			60 §	XC§	AF	SC6
42	SCRF32A	200 ☑	4.0	80C	15m	2.0	50m	1.0m△	125C	2.0 △	3.0	2.0u§	1.0	6.0u§		60 §	XC§	AF	SC6
43#	CS3-02go1	200	4.0	85C	10m	2.0	20m	1.0m	125	1.6	10			60u	200	41	XC§		M667
44	SE9222	200 △	4.25	55C	.40m	.80	4.0m	1.5mt△	125C	2.6	6.0	.80u	50	15u	50	30 *§	XC☑		RD3b
45#	TM2007S	200	4.5	25A	40m	3.0	50mØ	3.0m	110J	2.5	15	2.0u		15u	100 §	80		AF	SC22d
46#	T3N200	200	4.5	85C	20m	3.0	25m	1.0m	125J	1.5	10	5.0u	3.0	25u		55	XC§		M350
47	XB8C	200	4.7	50B$	20m		25m	1.0mt	25	2.0	3.0					3.0	XC	AF	SC6
48	207D	200 ☑	4.7	65C	50m	5.0	20m			1.6	10						XA		S114a
49#	2SF442	200	4.7	82	25m	1.5		3.5m	100J	1.8	10					70	XA§		RD25
50	3RC20	200 ☑	4.7 △	92C	15m	2.0	5.0mØ	3.0m	105C	2.0	9.4 †					30 △	6A§	AF	TO64
51	206D	200 ☑	4.7	105	30m	2.0	50m	2.0m	105	1.6	2.0	4.0u§	2.0	8.0u	50 §	30	XA	AF	
52	TCR2003	200	5.0	25C															
53#	T4.5/200	200	5.0	50	20m	3.0	25mØ			1.2	15				25	40	XC		M350
54	TIX3012	200	5.0	60	25m	2.0	30m	1.0m	125	1.8	5.0		5.0		50	100	XC		RD20
55#	2SF264	200	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0					90	XA§	AF	SC22b
56#	2SF264A	200	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0		5.0	15u☑	100 △	90	XA§	AF	SC22b
57#	TSi5/200	200	5.0	75C	35m	3.0	25m	.50m	25	2.5	15	2.0u	5.0	20u	20	75	X4*	AF	SC26
58#	BStC0113	200	5.0	80C	40m	2.0	100m	2.0m	125J	1.8	15				50 §	70	XC§	AF	SC74
59	TIC12	200	5.0 △	80C	300m	2.5	360m	1.0m	100C	2.3	5.0	1.5u		6.0u		30 *	XA☑		TO3
60#	CS5-200	200	5.0	85C	30m	3.0	50mØ			1.2	15		.20	60u§	200	110 §	XC§		
61	CM108	200	5.0	100C	.20m	.80	3.0m	.50m†	150C	3.0	5.0	.50u	1.0	50u	150 Ø	20	XF*		TO59
62#	CR5-202B	200 †	5.0	125C	80m	3.0	150m	10m	125C	3.0	5.0	2.0u	5.0	12u	20		XC☑	AF	TO48
63#	BTZ37	200	5.5	85C	25m	1.5	30m			1.8	10	1.0u☑	5.0	30u		65	XA§		M347a
64#	TM2010	200	6.0	25A	40m	3.0	40mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	SC22d
65#	TRA2	200	6.0	25A	40m	3.0	50mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	RD17f
66#	TRA2D	200	6.0	25A	40m	3.0	50mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	SC18
67#	BTY36	200	6.0	60B	15m	2.0	2.0m§	6.0m	150J	1.6	10 §	2.0u	10	18u		55	XF*	AF	SC3
68#	BTZ18	200	6.0	60B	15m	2.0	4.0m§	6.0	125J	1.6	10 §	2.0u	10	23		55	XC*	AF	SC3
69#	TP2004	200	6.0	100C	40m	3.0	100m	3.0m		1.2	4.0	2.0u	4.0	30u	100 §Ø	80	XC☑	AD	S18a
70	GCS20	200	6.3	80C	25m	1.5	50m	1.0m	100	1.8	20	1.5u	6.0	4.0u	200 Ø	60 §	XB*	AF	SC59
71#	BTY79-200	200	6.4		25m	2.5	10mØ	5.0m	125	2.3	20	3.0u	10	15u	20	50	XC§		
72#	2SF1117	200	6.5	25	28m	2.0	6.0	2.0	125J	1.4	10		3.0	20	50	50	XC§		RD3a
73#	T6.5N200	200	6.5	85C	15m	3.0										120	XA§		
74#	GCO2005	200	7.0	25A	100m	3.0	100mØ	1.5m		2.0	5.0					35	XA§	AF	TO48
75	SCR52A	200 ☑	7.0	60C	20m	2.0	25m	1.0m△	125C		15	1.0u§	100	20u§		100 §	XC§	AF	SC17
76	SCRF52A	200 ☑	7.0	60C	20m	2.0	50m	1.0m△	125C	1.9 △	15	2.0u§	10	6.0u§		100 §	XC§	AF	SC17
77	SCRF520	200 ☑	7.0	60C	25m	2.0	50m	1.0m	125C	1.9 △	15	2.0u§	10	12u§		100 §	XC§	AF	SC17
78	TI3012	200	7.0	60C	25m	3.0	30m	1.0m	125	1.8	5.0						XC☑	AB	RD20
79	TI40A2	200 †	7.0	70C	25m	3.5	25m	1.0m	105C	2.0	5.0					100 △	XA*	AF	TO64
80#	BTX31-200R	200	7.0	75C	15m	3.0	15m	5.0m	125J	1.8	7.0					100	XC		S276
81	SCRJ20	200 ☑	7.0	75C	25m	2.5	50m	2.0m△	105C	2.0 △	15	3.0u§	5.0	30u§		600 §	XA☑	AF	SC17
82#	TAG7-200R	200	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0					100	XA		S276
83#	TAG7S200R	200	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0			12u§		100	XA		S276
84#	BTX31S200R	200	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0			12u§		100	XC		S276
85#	BTX71-200R	200	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	20u	200	100	XC		S276
86#	BTX71S200R	200	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	4.4u	5.0	12u§	200	100	XC		S276
87#	SS1020	200 ☑	7.2	40A	50m	3.0	25m	4.0mØ	100J	1.5 △	10	2.5u	10	10u			XA§		S118
88	5RC20	200 ☑	7.4 △	60C	15m	2.0	5.0mØ	4.5m	105C	1.9	15 †	2.5u	60		20	60 △	6A§	AF	TO64
89#	SF5D11	200	8.0	24	20m	2.0		6.0m	125J	2.0	20					60	XC§	AF	SC22a
90#	CR8.201A	200	8.0	25A												85	XA§		S32
91	MCR1305R4	200	8.0	63C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		S190a
92#	BTX53	200 Ø	8.0	65C	.20m	1.0	2.5m	.20m△	150	2.4	10	3.0u☑	5.0	22u☑		60 *	XF§		TO3
93	MCR1304R4	200	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		C64a
94	MCR1305-4	200	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	100	XA§		S190
95	MCR1604R4	200	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		C65a
96	MCR1605R4	200	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		M225a
97	MCR1304-4	200	8.0	70C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	100	XA§		C64
98	HCR5-200	200	8.0	80$	25m	3.0	50m	500u	80	2.0	5.0					60	X8		S114
99	NCR202D	200	8.0	80B$	25m	3.0											XA*		S222
100#	BTX58	200 Ø	8.0	85C	15m	1.2	25m	2.0m△	25	2.2 †	8.0					60	XF§		TO3
101#	CS8-200	200	8.0	85C	30m	3.0	50mØ			1.3	24		.20	60u§	200	170 §	XC§		
102#	SH5D11	200	8.0	90C	30m	2.5	50m	4.0m	125J	2.0	20	6.0u	10	10u	100 △	60	XC§	AF	SC22a
103#	2SF325A	200	8.0	108	20m	2.0		6.0m	150J	2.0	20					60	XF§	AF	SC22a
104	SE9231	200 △	8.5	55C	1.0m	.80	10m	2.0mt△	125C	2.2	10	1.0u	5.0	13u	200	60 *§	XC☑		RD3b
105	SE9201	200 △	8.5	55C	25m	1.2	75m	2.0mt△	125C	2.2	10	.80u	5.0	15u	200	60 *§	XC☑		RD3b
106#	BTX64-200R	200	8.5	85B	65m	3.5	10mØ§	12m	125J	3.0	50	400n	10	10u	45	140 *	XC§	AF	TO48
107#	BTX75-200R	200	8.5	110B	65m	3.5	10m§Ø	12m	150J	3.0	50	3.0u	10	25u		140	XF§	AF	TO48
108#	TP2006	200	9.0	100C	40m	3.0	100m	3.0m		1.2	6.0	2.0u	6.0	30u	100 §Ø	100	XC☑	AD	S18a
109#	BTY44	200	9.6	60B	80m	3.5	20m§	12m	125J	2.0	10 §	1.7u	1.0	7.5u		115	XC*	AD	SC4
110#	CR10E	200 ☑	10	20A	70m	3.5	12m§	12m§	100J	1.3 Ø	10			20u		100	XA*		S176

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	NCR200D	200	10	25C§				5.0m	25C	1.2	10							AD	SC4
2#	BTY85	200	10	25A	25m§	3.5	20m§	6.0mØ	100J	1.2	16	4.5u§	50	20u§		120	XA*	AF	SC12
3#	TRA12	200	10	25A	80m	3.0	50mØ	3.0m	110J	2.0	30	2.0u§	10	50u§	50 Ø§	125		AF	RD17f
4#	TRA12D	200	10	25A	80m	3.0	50mØ	3.0m	110J	2.0	30	2.0u§	10	50u§	50 Ø§	125		AF	SC18
5#	CR10B4	200	10	59C	30m	2.5		3.0m	100J	1.6	30					150 △	XA§	AF	SC69
6#	2SF274	200	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10					90	XA§	AF	SC22b
7#	2SF274A	200	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10		10	15u☑	100 △	90	XA§	AF	SC22b
8#	TAG10-200R	200	10	65C	30m	3.0	30m	5.0m	105J	1.8	10					120	XA		S276
9#	TAG10S200R	200	10	65C	30m	3.0	30m	5.0m	105J	1.8	10			12u§		120	XA		S276
10	RTV0120	200	10	65C	50m	3.0	200m	2.0m	100	2.5	30	.20u	10		100	100	XA☑	AF	SC18
11	RTV0420	200	10	65C	50m	3.0	200m	2.0m	125	2.5	30	.20u	10		100	100	XC☑	AF	SC18
12#	CR10EY4	200	10	66C	40m	2.5		4.0m	125J	2.5	30		10	15u☑	100 △	140 △	XC§	AF	SC69
13#	CR5-2029B	200	10	70C	80m	3.0	20mØ	10m	100C	2.0	16	2.0u	20	4.0u☑	20	90	XC		
14#	BTX32-200R	200	10	85C	25m	3.0	25m	5.0m	125J	1.8	10					120	XC		S276
15#	BTX32S200R	200	10	85C	25m	3.0	25m	5.0m	125J	1.8	10			12u§		120	XC		S276
16#	BTX72-200R	200	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4	5.0	20u	200	120	XC		S276
17#	BTX72S200R	200	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4	5.0	12u§	200	120	XC		S276
18#	CR10-202B	200 †	10	125C	80m	3.0	150m	10m	125C	2.0	10	2.0u	10	30u	20		XC§	AF	TO48
19#	CS22J	200	11.7	80B	50m	2.5	25m	10m	100J	2.2 △	30	2.0u		20u	20	125	XA§		S159
20	UCR20	200 △	12	55C	50m		50m			1.2	3.0	500n	30	15u	250	60	XC§		SC55
21#	2SF284	200	12	61C	50m	3.5	15mØ	3.0mØ	100	1.4	12					150	XA§	AF	SC15a
22#	2SF284A	200	12	61C	50m	3.5	10mØ	3.0mØ	100	1.4	12		12	15u☑	100 △	150	XA	AF	SC15a
23#	BTX65-200R	200	12	85B	65m	3.5	10mØ§	12m	125J	2.0	50	400n	10	10u	45	200	XC§	AF	TO48
24#	CR10-2029B	200	12	85C	80m	3.0	20mØ	10m	125C	2.0	5.0	2.6u	32	4.0u☑	20	120	XC		
25#	BTX76-200R	200	12	110B	40m	3.0	10m§Ø	12m	150J	2.0	50	3.0u	10	25u		200	XF§	AF	TO48
26#	T14/200	200	14	20	50m	3.0	8.0mØ			2.0	50				10	150	XC		M351
27#	SS2020	200 ☑	14.5	40A	60m	3.0	50m	6.0mØ	100J	1.2 △	20	2.5u	20	10u			XA§		S119
28#	2SF75	200	15	25C	50m	3.0		6.0m	100C	1.2 △	7.0					100	XA	AF	SC11
29	204D	200 ☑	15	105J	50m	2.0	50m	2.0m	105	1.6	15	6.0u§	15	10u	35 §	125	XA	AF	S121a
30#	SIT14-200	200	15.5	90B	50m	3.0	8.0mØ			2.0	30	2.6u	10	20u	10	200	XC§	AF	M329
31#	CR16E	200 ☑	16	20A	70m	3.0	12m§	12m△	100J	1.0 Ø	16			20u		100	XA*		S176
32#	BTY89	200	16	25A	25m§	3.0	10m§	6.0mØ	125J	.86	16	4.5u§	50	20u§		140	XC*	AF	SC12
33#	TR2015S	200	16	25A	80m	3.0	100mØ	5.0m	125J	2.5	50	2.0u§	10	20u§	200 §	250	XC☑	AF	SC62
34#	TRA22	200	16	25A	80m	3.0	50mØ	3.0m	110J	2.0	50	2.0u§	10	50u§	50 Ø§	250		AF	RD17f
35#	TRA22D	200	16	25A	80m	3.0	50mØ	3.0m	110J	2.0	50	2.0u§	10	50u§	50 Ø§	250		AF	RD17f
36#	SF10D11	200	16	26	80m	3.5		12m	100C	3.0	50					113	XA§	AD	SC4
37	NCF200E	200	16	57B§	80m	3.5		22mØ	100J	1.3 Ø	10			12u☑		125	XA§	AF	TO48
38#	BTY60	200	16	60B	40m	3.0	10m§	12m	125J	1.5	10 §	1.6u	1.0	7.2u	20	140	XC§	AD	SC4
39	RTV0320	200	16	65C	25m	2.0	50m	1.0m	100	2.0	50	.20u	16		100	150	XA☑	AF	SC18
40	RTV0620	200	16	65C	25m	2.0	50m	1.0m	125	2.0	50	.20u	16		100	150	XC☑	AF	SC18
41	10RC20	200 ☑	16 △	65C	40m	3.0	10mØ	6.0mØ	105C	2.3 †	31					125 △	6A§	AF	TO48
42	RTV0220	200	16	65C	50m	3.0	200m	2.0m	100	2.5	50	.20u	16		100	150	XA☑	AF	SC18
43	RTV0520	200	16	65C	50m	3.0	200m	2.0m	125	2.5	50	.20u	16		100	150	XC☑	AF	SC18
44	T400021006	200	16 △	75	80m	3.0	100m	6.0m	125J	2.3	30				100	150	XC§	AF	TO48
45#	CS16-200	200	16	85C	80m	3.0	50mØ			1.3	48		.20	60u§	200	350 §	XC§		
46	T408021006	200	16 △	87	80m	3.0	100m	12m	125J	1.5	10				25	125	XC§	AF	TO48
47	USAF116ES571P	200	16	90C§	29m	1.6	39m	490u	25	1.6	15	4.2u	10	40u		150	XC	AD	SC4
48#	CR16-202B	200 †	16	125C	40m	3.0	120m	10m	125C	2.0	16	2.0u	10	20u	20		XC☑	AF	TO48
49#	T14F200C	200	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		SC7b
50#	T14F200E	200	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		MU5
51#	T14N200	200	17	85C	50m	3.0	40m	10m	125J	2.5	50	1.5u☑	10	20u		200	XC§		M351
52	MCR1308-4	200 ☑	18	47C	50m	1.5	8.0mØ	5.0mt△	100J	1.5 △	18 §	1.0u	18	12u§	30 △	225 △	XA§		S192☑
53	MCR808-4	200 ☑	18	57C	50m	1.5	8.0mØ	5.0mt△	100J	1.5 △	18 §	1.0u	18	12u§	30 △	225 △	XA§		M90☑
54	TIX92	200	18	75C	40m	3.5	40m	1.0m	125	1.6	18				100		XC☑	AD	RD21
55#	2SF34	200 ☑	19	50B	40m	3.0		12m	100J	2.0	50					150	XA§	AF	SC15
56#	CS21J	200	19	70B	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20u	20	200	XA§		S159
57#	CS32J	200	19.5	75B	50m	2.5	25m	20m	100J	1.8 △	50	2.0u		20u	20	360	XA§		S80
58#	BTX12/200R	200	20	25§	50m	3.0	40m§			3.5 §	175	4.0u§	10	10u§	20 §	250	XC§		S182
59#	TAG20-200R	200	20	45C	50m	3.0	50m	5.0m	105J	1.8	20					150	XA		S276
60#	TAG20S200R	200	20	45C	50m	3.0	50m	5.0m	105J	1.8	20			12u§		150	XA		S276
61#	2SF461	200	20	53C	50m	3.5	10mØ	10mØ	125	2.0	20		20	6.0u☑	50 △	300	XC§	AF	SC15a
62#	CR20A4	200	20	57C	50m	3.0		3.0m	100J	1.8	60					300 △	XB§	AF	SC15a
63#	2SF294	200	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20					300	XA§	AF	SC15a
64#	2SF294A	200	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20		20	15u☑	100 △	300	XA§	AF	SC15a
65	MCR2918-4	200 △	20 △	63C	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240 △	XA§	AF	SC18
66#	BTX33-200R	200	20	65C	50m	3.0	50m	5.0m	125J	1.8	20					150	XC		S276
67#	BTX33S200R	200	20	65C	50m	3.0	50m	5.0m	125J	1.8	20			12u§		150	XC		S276
68#	CR16-2029B	200	20	75C	60m	3.0	7.0mØ	10m	125C	2.0	50	2.5u	50	4.0u☑	20	160	XC		
69	MCR2818-4	200 △	20	100J	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240	XA§	AD	RD21
70	MCR2819-4	200 △	20	100J	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240	XA§	AF	SC18
71#	SIT18-200	200	20.5	90B	50m	3.0	8.0mØ			1.8	30	2.6u	10	15u	25	300	XC§	AF	M329
72#	T30/200	200	21	20	100m	3.0	20mØ			1.5	100				200	550	XC		M351
73	TCR202	200	22	25C	50m	3.0	25mØ§	3.0mØ	100C	820mØ	20 §	7.5u		12u		150	XC☑		SC25
74#	2SF722	200	22	64B	40m	3.0		4.5m	125J	2.0	50				100	150	XC§	AD	SC4b
75#	TR2015	200	22.5	70C	25m	3.0	200m	3.0m	125J	2.0	30	1.5u	5.0	40u	40 Ø	250	XC☑	AF	TO48
76#	T18F200	200	23	85C	50m	3.0	40m	10m	125J	2.3	60	1.5u☑	15	6.0u☑		300	XC§		M353
77#	T18F200C	200	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		SC7b
78#	T18F200E	200	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		MU9
79#	BTZ12	200	24	125J	50m	3.0	30m	5.0m△	125J	2.1	50	3.0u	15	20u	25	350	XC§		S34
80	T400021606	200	25 △	45	80m	3.0	100m	6.0m	125J	2.3	50				100	250	XC§	AF	TO48
81#	2SF242	200 ☑	25	55B	40m	2.0	10mØ	6.0mØ	125J	2.2 △	16	3.0u	10	15u§	20 §	150 *	XC%	AF	TO48
82#	SF16D11	200	25	57	40m	3.0		12m	125C	1.9	50					135	XC§	AD	SC4
83#	BTX73-200R	200	25	60C	40m	3.0	50m	13m	125J	2.0 △	50	1.4u	10	20u	200	150	XC		S276
84#	BTX73S200R	200	25	60C	40m	3.0	50m	13m	125J	2.0 △	50	1.4u	10	12u§	200	150	XC		S276
85#	SH16D11	200	25	60C	50m	3.0	70m	6.0m	125J	1.9	50	6.0u	32	10u	100 △	135	XC§	AF	SC72
86	TI3039	200	25 △	60C	100m	4.0	130mØ	3.0m	125C	2.5	25	2.5u	25	2.9u	200	200	XC☑	AF	TO48
87#	T18/200	200	28	20	50m	3.0	8.0m			1.8	65				25	200	XC§		M353
88#	BTX13-200R	200	30	25§	50m	3.0	40m§			3.5 §	250	4.0u§	10	6.0u§	20 §	300	XC§	AF	SC34
89#	CR30-02	200	30	90C	60m	3.0		4.0m	125C	1.6 †	90					350 §	4C§	AF	SC61
90#	CS31J	200	32	70B	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	580	XA§		S80
91#	BTX66-200R	200	32	85B	80m	3.0	10mØ§	12m	125J	3.3	500	500n	50	15u	13	680 *	XC§	BX	T094
92#	SIT30-200	200	34	90B	100m	3.0	20mØ			1.4	50	6.0u	25	20u	25	800	XC§	AF	M329
93	T400022206	200	35 △	18	80m	3.0	100m	6.0m	125J	2.3	70				100	360	XC§	AF	TO48
94	SCR162A	200 ☑	35	25C	25m	2.0	50m	4.0m△	125C	2.0	50	1.0u§	200	20u§		200 §	XC§	AF	TO48
95	SCRF162A	200 ☑	35	25C	25m	2.0	100m	4.0m△	125C	2.0	50	20u§	10	6.0u§		200 §	XC§	AF	TO48
96	ZJ244B	200	35	25C	40m	1.7	50m	12m	150J	2.1	50	1.5u	10	24u	30	150	XF	AF	TO48
97	SCRF1620	200 ☑	35	25C	40m	3.0	100m	4.0m△	125C	2.0	50	2.0u§	10	12u§		200 §	XC§	AF	TO48
98	TSC40B	200	35	25	80m§	3.0 §		6.5mØ	125C	2.2 §	16			12u		150	XC☑	AF	TO48
99	ZJ253B	200	35	25C	180m	3.0	150m	6.0m	125C	2.5	100	1.5u	20	15u	200 §	200	XC	AF	TO48
100	ZJ255B	200	35	25C	180m	3.0	150m	6.0m	125C	2.5	100	1.5u	20	10u	200 §	200	XC	AF	TO48
101	T408022206	200	35 △	40	80m	3.0	100m	12m	125J	2.0	50				25	150	XC§	AF	TO48
102	NL571B	200	35	62C	40m	2.5	.10	5.0m	125J	1.5	50	1.4u	5.0	30u	200	600	XB§	AF	TO48
103	MCR2835-4	200 △	35	100J	40m	1.5	50m	5.0m	100J	1.5	35	1.0u	35	15u	50 Ø§	325	XA§	AD	RD21
104	MCR2935-4	200 △	35	100J	40m	1.5	50m	5.0m	100J	1.5	35	1.0u	35	15u	50 Ø§	325	XA§	AF	SC18
105#	CR30-204A	200	36	25	60m	3.0	66m			1.4	30		30	20u		500	XC	AF	TO49
106#	T30F200	200	40	85C	100m	3.0	80m	10m	125J	1.8	100	2.0u☑	25	10u☑		800	XC§		M351
107#	T30F200C	200	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u☑	25	25u§	50 §	800 §	XC§		SC7b
108#	T30F200E	200	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u☑	25	25u§	50 §	800 §	XC§		MU8
109#	SKT45/02F	200	45	85	.10	3.0	.13			1.6	135	10u	135	20u	50	700	X8		

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	NLE45B	200	45	89C	70m	2.5	.10	8.0m	125J	3.0	500	5.0u	50	30u	200	1.2k	XC§	AF	T083
2	NLE46B	200	45	89C	70m	2.5	.10	8.0m	125J	3.0	500	5.0u	50	30u	200	1.2k	XC§	BX	T094
3	NLE46C	200	45	89C	70m	2.5	.10	8.0m	125J	3.0	500	5.0u	50	30u	200	1.2k	XC§	BX	T094
4#	SKT46/02	200	45	105	.10	3.0	.13			1.6	135	10u	135	50u	50	700	XA		
5#	CR50-02	200	50	80C	80m	3.0		10m	125C	1.6 †	150					950 §	4C§	BX	SC42d
6#	T50/200	200	51	20	100	3.0	20mØ			1.5	100				200	550	XC		M349a
7	C146B	200	55 △		100m	3.0								40u☑			XC*		SC41
8	NL548B	200	55 △	89C	200m	2.5	500m	8.0m	125J	3.6 †	500	5.0u	50	15u§	200 §	1.2k△	XC§	AF	T083
9	NL549B	200	55 △	89C	200m	2.5	500m	8.0m	125J	3.6 †	500	5.0u	50	20u§	200 §	1.2k△	XC§	AF	T083
10	NL551B	200	55 △	89C	200m	2.5	500m	8.0m	125J	3.6 †	500	5.0u	50	15u§	200 §	1.2k△	XC§	BX	T094
11	NL552B	200	55 △	89C	200m	2.5	500m	8.0m	125J	3.6 †	500	5.0u	50	20u§	200 §	1.2k△	XC§	BX	T094
12#	BTX44-200R	200	55 △	110J	100m	3.0	100m§	10m	110J	1.8 §	110	4.0u§	35	100u	100 Ø§	900 *	XB§	AF	S189a
13	213D	200 ☑	55	125J	110m	4.0	10mØ	12m	125	1.7	35	1.5u§	50	15u§	100 §	500		AF	SC3a
14#	SIT50-200	200	60	90B	100m	3.0	20mØ			1.5	60	6.5u	50	25u	25	800	XC§	BX	M330
15#	BTX67-200R	200	62	85B	80m	3.0	10mØ§	12m	125J	2.5	500	500n	50	15u	13	900	XC§	BX	T094
16#	T50F200	200	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.0u☑	25	30u§	50 §	800 §	XC§	BX	M330b%
17#	CR50-204A	200	64	25	100m	3.0	73m					5.5u	50	20u		600	XC	AF	T049
18#	2SF374	200	70	66C	150m	2.5	15mØ	10mØ	100	1.3	200					1.5k	XA§	AF	S189b
19#	CR70B4	200	70	74C	70m	3.0		8.0m	125J	1.7	220				10 △	1.5k△	XC§	AF	SC34b
20#	SKT70/02F	200	70	85	.15	3.0	.15			1.6	210	10u	210	25u	50	1.5k	X8		
21#	SKT71/02	200	70	105	.15	3.0	.15			1.6	210	10u	210	70u	50	1.5k	XA		
22#	BTX20	200 Ø	78	70C	100m	300m	100m	20m	70C	2.0	150					500 §	X9	AF	T049
23#	BTX29-200R	200	78 ^	110J	100m	3.0	100m§	10m	110J	1.7 §	150	5.0u§	50	100u	100 Ø§	1.1k*	XB	AF	S189a
24#	2SF51	200	78	25	150m	3.5		28m	100C	2.8	250					600	XA§		S136
25	TCR2050	200	80	70C	50m	3.0	25mØ	4.0mØ	100C	750mØ 2.5	50 §	4.5u		18u		1.0k	XC☑	AF	SC24
26#	CR80.201	200	80	75B§													XA§	AF	M30
27#	T70F200EEB	200	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	20u☑	50	2.4k§	XC§		MU6
28#	T70F200EEC	200	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	20u☑	400	2.4k§	XC§		MU6
29#	T70F200EFB	200	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	25u☑	50	2.4k§	XC§		MU6
30#	T70F200EFC	200	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	25u☑	400	2.4k§	XC§		MU6
31#	T70F200EGB	200	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	30u☑	50	2.4k§	XC§		MU6
32#	T70F200EGC	200	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	30u☑	400	2.4k§	XC§		MU6
33#	CS41J	200	85	70B	100m	2.5	60m	20m	100J	2.2 △	220	2.0u		20u	20	1.0k	XA§		M129
34#	SKT90/02F	200	90	85	150m	3.0	150m			1.4	270	10u	270	25u	50	2.0k	X8		
35#	SKT91/02	200	90	105	150m	3.0	150m			1.4	270	10u	270	70u	50	2.0k	XA		
36#	BTY22	200	90	125J	80m	3.0	100m	10m△	125J	2.0	200	8.0u	50	20u	25	1.8k	XC§		M52
37#	120T4	200	93	125J§	100m	2.0	20m	50m	125C	1.6	500	10u	200	45u		1.2k*	XC§		S226
38#	TS2060	200	95	100B§	100m	3.0		5.0m	100	1.2	60					1.0k	XCØ		
39#	2SF304	200	100	60C	150m	2.5	15mØ	10mØ	100	1.3	200					2.0k	XA§	AF	S189b
40#	CR100.201	200	100	75B§						2.0							XA§		M30
41#	CR100-02	200	100	90C	100m	3.0		10m	125C	1.8 †	350					1.2k§	4C§	BX	SC42c
42#	10TC20B	200	110	30C	60m	3.0	20m			1.5	110	3.0u	110	25u	20	1.1k	XA§	BX	SC32
43#	2SF355	200 ☑	110	60B	70m	2.5	10mØ	6.0mØ	125J	1.9 △	70	4.5u	50	20u§	20 §	1.0k*	XC%	BX	SC10
44#	70RC20	200	110	60B	70m	2.5	10mØ	6.0m	125B	1.8	70	4.5u	50	20u		1.0k	XCØ	BX	SC10
45	70RCF20A	200 ☑	110	60B	70m	2.5		6.0mØ	125J	1.8 △	220		50	20u§		1.0k	XC§	AF	T049
46#	BTY67	200	110	60B	70m	3.0	20m§	12m	125J	1.1	100 §	2.0u	50			1.0k	XC*	AF	SC3a
47	156B	200	110	60C	500m	40	500m					5.0u§	50	7.0u	200	1.0k	XC	AF	SC8
48	157B	200	110	60C	500m	40	500m					5.0u§	50	12u	100	1.0k	XC	AF	SC8
49	NLE155B	200	110	83C	.15	2.5	.50	8.0m	125J	3.0	500	5.0u	50	20u	200	1.4k	XC§	BX	T094
50	NLE157B	200	110	83C	.15	2.5	.50	8.0m	125J	3.0	500	5.0u	50	20u	200	1.4k	XC§	AF	T083
51#	SKT110/02F	200	110	85	.20	3.0	.20			1.4	330	10u	330	30u	50	2.5k	X8		
52	NL2N2027	200	110	87C	75m	3.0	100m	15m	150J	2.5	500	5.0u	50	50u	200	1.0k	XF§	AF	T049
53	NLE150B	200	110	89C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	T094
54	NLE152B	200	110	89C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	T083
55	NLH150B	200	110	89C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	T094
56	NLH152B	200	110	89C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	T083
57	809D	200	110	100B	50m	3.0	20mØ	20m		800mØ	70	3.0u☑		30u☑		1.0k	XC§		A17a
58#	SKT111/02	200	110	105	.20	3.0	.20			1.4	330	10u	330	80u	50	2.5k	XA		
59#	BTX45-200R	200	110 △	110J	100m	3.0	100m§	10m	110J	1.7 §	220	6.0u§	70	100u	100 Ø§	1.2k*	XB§	AF	S189a
60	212D#1	200 ☑	110	125J	90m	3.0	10m	12m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	SC16
61	212D#2	200 ☑	110	125J	90m	3.0	10m	12m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	T049
62#	T95F200	200	115	85C	100m	3.0	300m	30m	125J	1.8	300	2.5u☑	50	30u§	50 §	2.0k§	XC§	BX	MU6
63#	T100F200EEB	200	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	20u☑	50	3.2k§	XC§		MU6
64#	T100F200EEC	200	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	20u☑	400	3.2k§	XC§		MU6
65#	T100F200EFB	200	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	50	3.2k§	XC§		MU6
66#	T100F200EFC	200	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
67#	T100F200EGB	200	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	50	3.2k§	XC§		MU6
68#	T100F200EGC	200	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
69#	220T4	200	115	125J§	100m	2.0	20m	50m	125C	1.6	500	10u	200	45u		1.5k*	XC§	BX	S226
70#	T180/200	200	120	20	400m	3.0	40m			1.2	500				200	3.5k	XC		M352a
71#	2SF44	200	126	53	100m	2.0		28m	125C	1.8	250					900	XC§		S136
72#	2SF812	200	126 △	85C	150m	3.0	200m	15m	125	1.7 §	250	6.0u	80		15	1.6k	XC§	BX	SC49b
73#	SKT140/02F	200	140	85C	200m	3.0	200m			1.5	250			30u§	50	3.5k	XF*	BK	S260b
74#	SKT141/02	200	140	105C	200m	3.0	200m			1.5	250			80u	50	3.5k	XD*	BK	S260b
75#	T20N200R3	200	149	70C	200m	2.5										149	XA☑		M199
76#	T95/200	200	150	20	80m	3.0	25m			1.5	300				200	1.2k	XC		M352b
77#	TT2	200	150	60C	500m	3.0	300m	25m	100J	2.2	350	5.0u	15		20 §Ø	2.0k	XA☑	BX	SC36
78#	320T4	200	160	125J§	100m	2.0	20m	50m	125C	1.6	500	10u	200	45u		2.0k*	XC§		S226
79#	CR608SA0303	200	165	85C	150m	3.5	50mØ	30m	125J	1.6	450			125u§	300u	3.0k	XC§	BK	RD48a
80#	SKT170/02F	200	170	85	250m	3.0	200m			1.2	510	10u	510	45u	50	6.0k	X8		
81#	SKT171/02	200	170	105	.25	3.0	.20			1.2	510	10u	510	100u	50	6.0k	XA		
82#	CR150B4	200	175	75C	300m	3.0		15mØ	125J	1.8 †	500 §					4.0k△	XC§	BX	SC42
83	228D	200	175	125J	300m	3.0		15m	125J	1.4	100	5.0u	100	40u		3.3k*	XC§	BC	MU15
84#	SIT180-200	200	180	90B	400m	3.0	40mØ			1.4	350	9.0u	100	50u	25	4.5k	XC§	BX	MU4
85	218D	200	200	80C	300m	4.0		15m	125J	1.3	100			40u	100	3.3k*	XC§	BX	T093
86#	V2051E	200	200	90	125m	5.0		20m	125J	1.8	1.0k		200	25	100	4.0k	XC§	BC	M414b
87#	T170F200	200	210	85C	250m	3.0	300m	50m	125J	1.6	500	3.0u☑	100	30u§	50 §	4.0k§	XC§	BX	M330c%
88#	SKT220/02F	200	220	85	.25	3.0	.20			1.0	660	10u	660	45u	50	7.0k	X8		
89#	SKT221/02	200	220	105	.25	3.0	.20			1.0	660	10u	660	100u	50	7.0k	XA		
90	200D	200	230	85C	100m	2.5	15m	15m	125J	1.2	150					3.5k	XC§	BX	SC21
91#	CR150-201A	200	235	25	150m	3.5	55m					6.5u	150	100u		3.3k	XC		M201
92#	CR150-202B	200	235	25	150m	3.5	55m					6.5u	150	20u		3.3k	XC		M201
93#	2SF363	200 ☑	235	55B	100m	2.5	50mØ	10mØ	125J	1.7 △	150	5.0u	100	25u§	4 §	3.0k*	XC§		S86
94	150RC20	200 ☑	235	55B	100m	2.5		10mØ	125J	1.7 △	471					3.0k§	XC§		S86
95#	2SF335	200	235	64	100m	2.0		20m	125J	1.5	500					3.2k	XC§		S136a
96	6RW56DC	200	235	75B	100m	2.0	12mØ	16m	125J	650m§	150 Ø	4.5u		25u		3.0k			S71
97#	2SF478	200	235	75B	150m	3.0	200m	20m	125J	1.5	500					3.2k	XC	BX	SC10a
98#	CR150-202A3	200	235	75C	150m	3.5	35mØ	15m	25C	1.4	450	6.5u	400	35u	20	3.3k	XC☑		M201
99#	CR150-202A4	200	235	75C	150m	3.5	35mØ	15m	25C	1.6	450	6.5u	400	35u	20		XC☑		M201
100#	CR150-202A5	200	235	75C	150m	3.5	35mØ	15m	25C	1.8	450	6.5u	400	35u	20		XC☑		M201
101#	CR150-202A6	200	235	75C	150m	3.5	35mØ	15m	25C	2.0	450	6.5u	400	35u	20		XC☑		M201
102#	420T4	200	235	125J§	100m	2.0	20m	50m	125C	1.6	500	10u	200	45u		3.0k*	XC§		S226
103#	T20F200	200	250	55C	200m	2.5	50mØ	15m	25	1.5	450	5.0u		20u		3.5k	XC☑		M201
104	229D	200	250	125J	300m	3.0		15m	125J	1.3	100	5.0u	100	40u	100	5.0k*	XC§	BC	MU15
105#	TY180NP2K2	200	260	70B	200m	3.5	50m	29m	125J	1.6	600	10u☑	500	20u☑	20 §	3.6k	XC§		
106#	TY180QP2K2	200	260	70B	200m	3.5	50m	29m	125J	1.6	600	10u☑	500	30u☑	20 §	3.6k	XC§		
107#	T260F200	200	260	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	50u§	50 §	4.0k§	XC§	BX	M330c%
108#	61T2C	200	265	70B	300m	3.0	300m	20m	100J	2.0	535					2.6k	XCØ	BX	MU4
109#	CR300A4	200	300	10A	350m	4.0		15mØ	125J	1.8 †	780 §				100 △	5.0k△	XC§	BX	M247a
110#	CR300AW4	200	300	11A	350m	4.0	30mØ	15m	125J	1.9 §	780			50 §	100 §	5.0k	4C	BX§	SC56

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	2231D	200	300	125J	300m	4.0		15m	125J	1.3 §	100	4.0u	100	30u	100	4.5k*	XC§	BX	SC1
2	2232D	200	300	125J	300m	4.0		15m	125J	1.3 §	100	8.0u	100	40u			XC§	BX	
3#	BTX41-200R	200	315 △	110J	300m	3.0	300m§	10m	110J	1.5 §	600	8.0u§	200	150u	100 Ø§	3.5k*	XB§	BX	SC39
4	223D	200	370	25B	300m	4.0	25m§Ø	15m	125J	1.2 §	100			50u	50	5.0k*	XC§	BX	SC1
5#	250RC20	200	392		150m	2.0	40m	10m	125J	1.5	250	5.0u	100	100u	10	4.8k	XC§		
6	222D	200	400	25§	300m§	4.0 §	25m§	15m	125J	1.2 §	100					5.0k	XC§	BX	SC1
7#	71T2C	200	400	70B	300m	3.0	300m	20m	100J	1.9	780					3.8k	XCØ	BX	MU4
8#	CR7K303A5	200	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
9#	CR7K303A45	200	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
10#	YST302QP2K3	200	450	70B	220m	3.5	100m	30m	125J	1.9	1.0k	4.0u☑	600	60u☑	200 §	7.4k	XC§	BB	MU68
11	C510B	200	450 △	125J	200m	5.0	500m	10m	25C	2.2 †	500		300	12u§	200 §	4.0k	XC§	BR	MU20
12#	CR7K303A4	200	460	65C	150m	3.5	55mØ	50m	125J	1.7	1.0k	3.5u	600	180u	100	6.4k	XC§	BX	M308b
13#	300RC20	200	470		150m	2.0	40m	10m	125J	1.4	300	5.0u	100	100u	10	5.5k	XC§		
14#	2SF491	200	470	62S	150m	3.0	200m	20m	125J	1.4	1.0k					5.0k	XC	BX	SC10a
15	6RW71D	200	470	65B	225m	3.1	25m	20m	125J	650mØ	300	4.5u				5.5k	XC§	AF	SC19
16	6RW71DY	200	470	65C	250m	3.1		10mØ	125J	.65 Ø	300				4.0	5.5k§	XC	AF△	SC19
17#	CR7K303A35	200	480	65C	150m	3.5	78mØ	50m	125C	1.6	1.0k			180u		6.9k	XC%	BX	M308b
18#	CR7K303A3	200	500	65C	150m	3.5	78mØ	50m	125C	1.5	1.0k			120u		7.5k	XC%	BX	M308b
19#	YST301QP2K3	200	500	70B	220m	3.5	100m	30m	125J	1.9	1.0k	4.0u☑	600	20u☑	200 §	7.4k	XC§	BB	MU68
20#	CR807SB0303	200	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
21#	CR702SC0303	200	600	65C	150m	3.5	55mØ	50m	125C	1.3	1.0k	3.5u	600	180u	100	9.0k§	XC§	BK	RD48
22	C507B	200	625 △	125J	150m	4.0	100m	50m	125C	1.4	500	5.0u	25	100u☑	100	6.5k	XC§	BR	MU20
23	C508B	200	625 △	125J	150m	4.0	100m	50m	125C	1.3	500	5.0u	25	60u☑	100	9.0k	XC§	BR	MU20
24#	SIT0.8-200	220	1.25	65C	10m	3.0	20m	1.0mΔ	125J	1.2	1.5	2.0u	1.0	15u	15	20	XC§		TO5
25#	SIT4-200	220	4.5	90B	20m	3.0	25m	1.0mΔ	125J	1.3	4.5	2.0u	3.0	17u	15	55	XC§	AF	SC6
26#	CRS25-20AF	220	37	75B	50m	3.0	50m	10mΔ	110J	1.2	37	2.0u	25	20u	10	500	XB§	AF	SC12
27#	CRS25/20AF	220	45	55B	50m	3.0	50m	10mΔ	110J	1.2	45	2.0u	25	20u	10	500	XB§	AF	SC12
28#	SIT20-200	220	45	55B	50m	3.0	50m	10mΔ	110J	1.2	45	2.0u	25	20u	10	500	XC§	AF	SC12
29#	CRS70-20AF	220	110	70B	50m	3.0	60m	20mΔ	125J	1.2	110	2.0u	70	30u	10	1.4k	XC§	AF	TO49
30#	SIT80-200	220	110	70B	50m	3.0	60m	20mΔ	125J	1.2	110	2.0u	70	30u	10	1.4k	XC§	AF	TO49
31#	T21F15	225	16	40A	50m	2.5	25m	10m	100J	2.2 △	50	2.0		20	20	200	XA§		S242
32#	T31F15	225	26	40A	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	600	XA§		S243
33#	CS4-200	240	7.4		40m	3.0	30m	3.5m	100J	1.5	4.0					80	XA§	AF	S131a
34#	CS10-200	240	25		50m	3.0	8.0mØ	10m	125J	2.0	50	2.6u	10	20u	10	150	XC§		S34
35	NL-C37B	240	25	37C	80m	3.5	20mØ	5.0m	105J	2.3 †	30	1.4u	5.0		50	175	XA§	AF	TO48
36	NL-C40B	240	35	20C	40m	3.0								12u	200		XC§	AF	TO48
37#	CS15-200	240	38	70B	70m§	3.0	8.0mØ	10m	125J	1.8	65	1.2u	50	20u	25 §	250	XC§		S34
38#	CS15-200A	240	38	70B	70m§	3.0	8.0mØ	10m	125J	1.8	65	1.2u	50	12u	200 §	250	XC§		S34
39	NL-C45B	240	55	83C	70m	3.0	100m	8.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO83
40	NL-C46B	240	55	83C	70m	3.0	100m	8.0	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO49
41	TSC45B	240	55	85	125m	3.0	100m	8.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	SC8
42	TSC46B	240	55	85	125m	3.0	100m	8.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	TO49
43	211D	240	55	86S	70m	3.0	10m	20m	125J	1.4	35	1.0u		15u		700	XC*	AF	SC3a
44	TS555B	240	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	TO49
45	TS556B	240	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	SC8
46	NLF45B	240	55	89C	70m	3.0	100m	8.0m	125J	3.0 †	500	5.0u	50	30u§	200 §	1.2k	XC§	AF	TO83
47	NLF46B	240	55	89C	70m	3.0	100m	8.0m	125J	3.0 †	500	5.0u	50	30u§	200 §	1.2k	XC§	BX	TO94
48	NL555B	240	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO49
49	NL556B	240	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO83
50	NL-C55B	240	110	78C	70m	3.0	100m	8.0m	125J	2.5 †	500	5.0u	50	20u	200	1.0k	XC§	AF	TO49
51	NL-C56B	240	110	78C	70m	3.0	100m	8.0m	125J	2.5 †	500	5.0u	50	20u	200	1.0k	XC§	AF	TO83
52	NL-C180B	240	235	80C	150m	3.0	500m	6.0mØ	125J	2.9 †	1.5k	8.0u	100		200 §	3.5k	XC§		TO93
53	RTH0525	250	200m	80C	20u	800m	5.0m	20u	125	1.3	200m	200n	200m		100	5.0	XC☑		MU19
54	RTH0425	250	200m	80C	100u	800m	5.0m	100u	125	1.5	200m	200n	200m		100	5.0	XC☑		MU19
55	RTH0125	250	200m	80C	200u	1.0	5.0m	100u	100	1.5	200m	200n	200m		100	5.0	XA☑		MU19
56	RTH0325	250	200m	80C	200u	1.0	10m	500u	125	1.5	200m	200n	200m		100	5.0	XC☑		MU19
57	RTH0225	250	200m	80C	1.0m	1.0	10m	1.0m	125	2.5	200m	200n	200m		100	5.0	XC☑		MU19
58#	S7502	250	300m	25A	200u	800m	5.0m	50u	125A	1.4	300m	3.5u		6.8u		6.0	XC*	AD	RD26
59#	2SF105	250 Ø	.38	25A	.50m	1.0		.10m	100J	2.5	4.0					15	XA§		TO5
60#	CS11J	250	.75	40C	7.0m	.25	12m	.90m†		2.2 †	2.4					20	XA☑	AD	TO5
61	SCRJL25	250 ☑	1.0	25C	50m	2.0	50m	4.0m	100C	1.5	1.0	2.0u§	1.0	30u§		60 §	XA§	AD	AX5
62	RTF0525	250	1.0	80C	20u	800m	3.0m	20u	125	1.3	1.0	200n	1.0		100	15	XC☑		TO5
63	RTF0425	250	1.0	80C	100u	800m	5.0m	100u	125	1.4	1.0	200n	1.0		100	15	XC☑		TO5
64	RTF0125	250	1.0	80C	200u	1.0	5.0m	100u	100	1.5	1.0	200n	1.0		100	15	XA☑		TO5
65	RTF0325	250	1.0	80C	200u	1.0	10m	500u	125	1.5	1.0	200n	1.0		100	15	XC☑		TO5
66	RTF0225	250	1.0	80C	1.0m	1.0	10m	1.0m	125	2.5	1.0	200n	1.0		100	15	XA☑		TO5
67	C9H	250	1.1	18A	8.0m	2.0	20m	1.0mØ	125J	1.1 Ø	1.1			12u		30 §	XC§		RD16
68#	15T4	250	1.6 △	25C	10m	3.0	1.5mØ	.25mΔ	25J	2.0	1.0			20u		15	XA§		TO5
69#	CR1-251C	250 †	1.6	25C	10m	3.0	1.9m	1.0m	100J	2.0	1.0	1.4u	1.0			15	XA*		TO5
70#	SF1E11A	250	1.6	62C	1.0m	800m	10m	100u	100J	3.4	10					17	XF§		TO5
71	C6216	250	1.6	85C	200u	.80	2.0m	100u	125	1.5	1.6						XF		MU1a
72#	SF1E11	250	1.6	89C	1.0m	800m	10m	100m	125C	3.4	10					17	XC§		
73	SCRFL25	250 ☑	1.7	80C	15m	2.0	50m	1.0m	125C	1.2 △	1.0	2.0u§	1.0	12u§		60 §	XC§		AX5
74	3RC25	250 ☑	3.0	92C	15m	2.0	5.0mØ	2.5m	105J	2.0	3.0	2.5u	30		20	30	6A§	AF	TO64
75#	CR4.251A	250	4.0	25A												42	XA§		S32
76	SCR325	250 ☑	4.0	80C	10m	2.0	25m	1.0mΔ	125C	2.0 △	3.0	1.3u§	1.0	15u§		60 §	XF§	AF	SC6
77#	BTY80	250	4.7	60B	25m§	2.0	15m§	8.0mØ	125J	2.3	20	5.0u§	10	15u§		60	XC§		DO4
78	207E	250 ☑	4.7	65C	50m	5.0	20m			1.6	10						XA		S114a
79	206E	250 ☑	4.7	105	30m	2.0	50m	2.0m	105	1.6	2.0	4.0 §	2.0	8.0u	50 §	30	XA		
80	TCR2503	250	5.0	25C															
81#	2SF265	250	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0					90	XA§	AF	SC22b
82#	2SF265A	250	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0		5.0	15m☑	100 △	90	XA§	AF	SC22b
83#	BTY30	250	6.0	60B	15m	2.0	4.0m§	5.0m	125J	1.6	10 §	2.0u	10	25u		55	XC*	AF	SC3
84#	BTY37	250	6.0	60B	15m	2.0	2.0m§	5.0m	150J	1.6	10 §	2.0u	10	20u		55	XF*	AF	SC3
85#	2SF15	250 ☑	6.5	60B	20m	2.1		5.0m	100J	2.3	20					50	XA§	AF	SC14
86	SCRF525	250 ☑	7.0	60C	25m	2.0	50m	1.0m	125C	1.9 △	15	2.0u§	10	12u§		100 §	XC§	AF	SC17
87	SCRJ25	250 ☑	7.0	75C	25m	2.5	50m	2.0mΔ	105C	2.0 △	15	3.0u§	5.0	30u§		600 §	XA☑	AF	SC17
88	5RC25	250 ☑	7.4 △	60C	15m	2.0	5.0mØ	4.5m	105C	1.9	15 †	2.5u	60		20	60 △	6A§	AF	TO64
89#	SF5E11	250	8.0	24	20m	2.0		5.0m	125J	2.0	20					60	XC§	AF	SC22a
90#	CR8.251A	250	8.0	25A												85	XA§		S32
91#	2SF326A	250	8.0	108	20m	2.0		5.0m	150J	2.0	20					60	XF§	AF	SC22a
92#	CR10F	250 ☑	10	20A	70m	3.5	11m§	11mΔ	100J	1.3 Ø	10			20u		100	XA*		S176
93	NCR250D	250	10	25C§				5.0m	25C	1.2	10							AD	SC4
94#	2SF275	250	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10					90	XA§	AF	SC22b
95#	2SF275A	250	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10		10	15m☑	100 △	90	XA§	AF	SC22b
96	2SF25	250 ☑	11	50B	40m	3.0		11m	100J	2.8	50					125	XA§	AF	SC15
97#	CS22K	250	11.7	80B	50m	2.5	25m	10m	100J	2.2 △	30	2.0u		20u	20	125	XA§		S159
98#	2SF285	250	12	61C	50m	3.5	15mØ	3.0mØ	100	1.4	12					150	XA§	AF	SC15a
99#	2SF285A	250	12	61C	50m	3.5	10mØ	3.0mØ	100	1.4	12		12	15m☑	100 △	150	XA	AF	SC15a
100	204E	250 ☑	15	105J	50m	2.0	50m	2.0m	105	1.6	15	6.0u§	15	10u	35 §	125	XA	AF	S121a
101#	CR16F	250 ☑	16	20A	70m	3.0	11m§	11mΔ	100J	1.0 Ø	16			20u		100	XA*		S176
102	NCF250E	250	16	57B§	80m	3.5		22mØ	100J	1.3 Ø	10			12u☑		125	XA§	AF	TO48
103#	BTY53	250	16	60B	40m	3.0	10m§	11m	125J	1.5	10 §	1.6u	1.0	6.6u		140	XC*	AD	SC4
104#	BTY61	250	16	60B	40m	3.0	10m§	11m	125J	1.5	10 §	1.6u	1.0	6.6u	20	140	XC§	AD	SC4
105#	SCR76	250	16	65B§				5.5m	25	860m						150	XC		S40
106	10RC25	250 ☑	16 △	65C	40m	3.0	10mØ	5.5mØ	105C	2.3 †	31					125 △	6A§	AF	TO48
107#	2SF35	250 ☑	19	50B	40m	3.0		11m	100J	2.0	50					150	XA§	AF	SC15
108#	CS21K	250	19	70B	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20u	20	200	XA§		S159
109#	CS32K	250	19.5	75B	50m	2.5	25m	20m	100J	1.8 △	50	2.0u		20u	20	360	XA§		S80
110#	2SF295	250	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20					300	XA§	AF	SC15a

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	2SF295A	250	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20		20	15uØ	100 Δ	300	XA§	AF	SC15a
2	TCR252	250	22	25C	50m	3.0	25mØ§	3.0mØ	100C	820mØ	20 §	7.5u		12u		150	XCØ		SC25
3#	2SF35A	250 Ø	22	64B	40m	3.0		11m	125J	2.0	50					150	XC§	AF	SC15
4#	2SF243	250 Ø	25	55B	40m	2.0	10mØ	5.5mØ	125J	2.2 Δ	16	3.0u	10	15u§	20 §	150 *	XC%	AF	TO48
5#	SF16E11	250	25	57	40m	3.0		11m	125C	1.9	50					135	XC§	AD	SC4
6#	CS31K	250	32	70B	50m	2.5	25m	20m	100J	1.8 Δ	80	2.0u		20u	20	580	XA§		S80
7	ZJ244H	250	35	25C	40m	1.7	50m	11m	150J	2.1	50	1.5u	10	24u	30	150	XFØ	AF	TO48
8	SCRF1625	250 Ø	35	25C	40m	3.0	100m	4.0mΔ	125C	2.0	50	2.0u§	10	12u§		200 §	XC§	AF	TO48
9	TSC40H	250	35	25	80m$	3.0 $		5.5mØ	125C	2.2 $	16			12u		150	XCØ	AF	TO48
10#	35T3	250	35	80B	150m	.25	150m	10mt		2.2 †	110					630	XCØ	AF	S63b
11#	BTY95-250R	250	50	75B	80m	3.0	10mØ§	11m	125J	3.3	500	3.0u	50	20u	10	680	XC§	AF	TO49
12#	2SF115	250 Ø	55	68B	100m	3.5		22m	100J	2.7	500					700	XA§	AF	SC34b
13#	33T3	250	55	72B	200m	3.0	150m	10m	100J	2.2	110					520	XCØ		S266a
14	213E	250 Ø	55	125J	110m	4.0	10mØ	12m	125	1.7	35	1.5u§	50	15u§	100 §	500		AF	SC3a
15	40RCS25	250	63 Δ	87C	110m	3.0	200m	2.5mØ	105J	1.8 †	125					800 Δ	4A§	AF	SC50a
16	2N1914B	250	70	62C	130m	250m		5.5m	62C	1.8	70			12	20	1.0k	XCØ	AF	TO49
17#	2SF375	250	70	66C	150m	2.5	15mØ	10mØ	100	1.3	200					1.5k	XA§	AF	S189b
18#	BTY99-250R	250	70	85B	70m	3.0	10mØ§	11m	125J	2.5	500	3.0u	50	20u	10	900	XC§	AF	TO49
19#	2SF52	250	79	25	150m	3.5		26m	100C	2.8	250					600	XA§		S136
20	TCR250	250	80	70C	50m	3.0	25mØ	4.0mØ	100C	750mØ	50 §	4.5u		18u		1.0k	XCØ	AF	SC24
21#	CR80.251	250	80	75B$						2.5							XA§	AF	M30
22#	2SF125	250 Ø	80	78B	100m	3.5		22m	125J	2.3	500					1.0k	XC§	AF	SC34b
23#	CS41K	250	85	70B	100m	2.5	60m	20m	100J	2.2 Δ	220	2.0u		20u	20	1.0k	XA§		M129
24#	125T4	250	93	125J$	100m	2.0	20m	33m	125C	1.6	500	10u	200	45u		1.2k*	XC§		S226
25#	CS30-200BX	250	98	70	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	15u§	12 §	800	XC§		S231
26#	CS30-200BY	250	98	70	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	80u§	12 §	800	XC§		S231
27#	CS30-200CX	250	98	70	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	15u§	50 §	800	XC§		S231
28#	CS30-200CY	250	98	70	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	80u§	50 §	800	XC§		S231
29#	2SF305	250	100	60C	150m	2.5	15mØ	10mØ	100	1.3	200					2.0k	XA§	AF	S189b
30#	CR100.251	250	100	75B$						2.0							XA§		M30
31#	2SF356	250 Ø	110	60B	70m	2.5	10mØ	5.5mØ	125J	1.9 Δ	70	4.5u	50	20u§	20 §	1.0k*	XC%	BX	SC10
32	70RCF25A	250 Ø	110	60B	70m	2.5		5.5mØ	125J	1.8 Δ	220		50	20u§		1.0k§	XC§	AF	TO49
33#	BTY68	250	110	60B	70m	3.0	20m§	11m	125J	1.1	100 §	2.0u	50			1.0k	XC*	AF	SC3a
34	NL2N2028	250	110	87C	75m	3.0	100m	15m	150J	2.5	500	5.0u	50	50u	200	1.0k	XF§	AF	TO49
35	809E	250	110	100B	50m	3.0	20mØ	20m		800mØ	70	3.0uØ		30uØ		1.0k	XC§		A17a
36	212E#1	250 Ø	110	125J	90m	3.0	10mØ	12m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	SC16
37	212E#2	250 Ø	110	125J	90m	3.0	10mØ	12m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	TO49
38#	225T4	250	115	125J$	100m	2.0	20m	33m	125C	1.6	500	10u	200	45u		1.5k*	XC§	BX	S226
39#	2SF45	250	126	53	100m	2.0		26m	125C	1.8	250					900	XC§		S136
40#	T20N250R3	250	149	70C	200m	2.5										149	XAØ		M199
41#	325T4	250	160	125J$	100m	2.0	20m	33m	125C	1.6	500	10u	200	45u		2.0k*	XC§		S226
42	200E	250	230	85C	100m	2.5	15m	15m	125J	1.2	150					3.5k	XC§	BX	SC21
43	C80H	250	235												200		XC		S237
44#	2SF364	250 Ø	235	55B	100m	2.5	50mØ	10mØ	125J	1.7 Δ	150	5.0u	100	25u§	4 §	3.0k*	XC§		S86
45	150RC25	250 Ø	235	55B	100m	2.5		10mØ	125J	1.7 Δ	471					3.0k§	XC§		S86
46#	2SF336	250	235	64	100m	2.0		17m	125J	1.5	500					3.2k	XC§		S136a
47	6RW56EC	250	235	75B	100m	2.0	12mØ	16m	125J	650m§	150 Ø	4.5u		25u		3.0k			S71
48#	2SF479	250	235	76S	150m	3.0	200m	20m	125J	1.5	500					3.2k	XC	BX	SC10a
49	151RCF25A	250	235 Δ	80C	100m	2.5	50mØ	10mØ	125J	1.4 †	471	7.0u	50	30u§	10 Δ	3.5kΔ	XC§	BX	TO93
50#	425T4	250	235	125J$	100m	2.0	20m	33m	125C	1.6	500	10u	200	45u		3.0k*	XC§		S226
51#	72T3	250	350	60B	300m	250m	400m	20mt		2.0 †	1.1k					5.4k	XCØ	BX	MU4a
52	221E	250 Ø	400	80C$	200m	4.0	30m§			2.0 §	250					5.0k	XCØ	BX	S158
53#	2SF492	250	470	62S	150m	3.0	200m	20m	125J	1.4	1.0k					5.0k	XC	BX	SC10a
54	6RW71E	250	470	65B	225m	3.1	25m	20mΔ	125J	650mØ	300	4.5u				5.5k	XC§	AF	SC19
55	6RW71EY	250	470	65C	250m	3.1		10mØ	125J	.65 Ø	300				4.0	5.5k§	XC	AFΔ	SC19
56#	MA102B	270	235	85C	300m§	150m	400m§	20m	80	1.5 §	600	4.5u	200	30u	200	3.5k§*	XAØ	BX	SC39
57#	CS30-200	280	30 Ø		100m	3.0	30m			1.8	90				10	500			
58	C506C	300			220m	5.0	500m	10m	25C				300	40u§	200 §	8.0k	XC§	BR	MU20
59#	CR02A6	300 Ø	200m	40A	1.0m	1.0	2.0mØ	30m	125J	1.2 †	1.0				15	XC§			C114
60	RTH0530	300	200m	80C	20u	800m	5.0m	20u	125	1.3	200m	200n	200m		100	5.0	XCØ		MU19
61	RTH0430	300	200m	80C	100u	800m	5.0m	100u	125	1.5	200m	200n	200m		100	5.0	XCØ		MU19
62	RTH0130	300	200m	80C	200u	1.0	5.0m	100u	100	1.5	200m	200n	200m		100	5.0	XAØ		MU19
63	RTH0330	300	200m	80C	200u	1.0	10m	500u	125	1.5	200m	200n	200m		100	5.0	XCØ		MU19
64	RTH0230	300	200m	80C	1.0m	1.0	10m	1.0m	125	2.5	200m	200n	200m		100	5.0	XCØ		MU19
65#	S7503	300	300m	25A	200u	800m	5.0m	50u	125A	1.4	300m	3.5u		6.8u		6.0	XC*	AD	RD26
66#	2SF1113	300 Ø	300m	30A	1.0m	800m		100u	110J	1.2	600m					10	4B§	AE	RD12
67#	CR02AM6	300 Ø	300m	30A	1.0m	800m		100u	110J	1.2	600m					10	4B§	AE	RD12
68#	TDRA3	300	600m	25A	10m	3.0	20mØ	1.0m	125J	2.0	1.0	1.5u§	500m	20u§	50 Ø§	12			RD1a
69#	TD3001J	300	600m	25A	20m	3.0	40mØ	1.0m	125J	2.0	1.0	1.5u§	500m	15u§	50 Ø§	12			RD1a
70#	T0.8N300	300	900m	85C	10m	3.0	25m	1.0m	125J	1.2	2.5	5.0uØ	1.0	25u	50 §	19 §	XC§		C41%
71#	TDR3	300	1.0	25A	20m	3.0	30mØ	1.0m	125J	2.0	1.0	1.5u§	500m	20u§	50 Ø§	12			RD1a
72	SCRJL30	300 Ø	1.0	25C	50m	2.0	50m	4.0	100C	1.5	1.0	2.0u§	1.0	30u§		60 §	XA§	AD	AX5
73#	CS12L	300	1.0	60B	15m	2.5	12m	2.0m	100J	2.5	3.0	2.0u		20u	20		XA§		P2dØ
74	RTF0530	300	1.0	80C	20u	800m	3.0m	20u	125	1.3	1.0	200n	1.0		100	15	XCØ		TO5
75	RTF0430	300	1.0	80C	100u	800m	5.0m	100u	125	1.4	1.0	200n	1.0		100	15	XCØ		TO5
76	RTF0130	300	1.0	80C	200u	1.0	5.0m	100u	100	1.5	1.0	200n	1.0		100	15	XAØ		TO5
77	RTF0330	300	1.0	80C	200u	1.0	10m	500u	125	1.5	1.0	200n	1.0		100	15	XCØ		TO5
78	RTF0230	300	1.0	80C	1.0m	1.0	10m	1.0m	125	2.5	1.0	200n	1.0		100	15	XAØ		TO5
79	C9C	300	1.1	18A	8.0m	2.0	20m	.90mØ	125J	1.1 Ø	1.1			12u		30 §	XC§		RD16
80	SCR13A	300 Ø	1.1	25C	15m	2.0	20m	900u	125C	1.2 Δ	1.0	1.0u§	30	20u§		60 §	XC§		AX5
81	SCRF13A	300 Ø	1.1	25C	15m	2.0	50m	.90mΔ	125C	1.2 Δ	1.0	2.0u§	1.0	6.0u§		60 §	XC§		AX5
82#	BRY37	300	1.3	80C	.10m	.80	1.0m	.10m	125	1.6 †	1.0	3.0u	5.0	22u	1k	15 §	XF§		TO5
83	FT2013	300 Δ	1.3	80C	.20m	1.0	5.0m§	.10m	125C	2.0	1.0					15 §*	XF§		TO5
84#	T0.8/300	300	1.4 Ø	20	10m	3.0	20m			1.0	6.0				25	15	XC		C41
85#	GC03001	300	1.4	25A	25m	3.0	50mØ	1.0m		2.0	1.0					3.0	XAØ		TO5
86	HCR300P	300	1.4	80	10m		25m			2.0	1.4						XF§		TO5
87#	1B15CL30	300	1.5	25	50m	50	70m	5.0u	25	2.5	4.0					30	XA		M315
88	TI117	300	1.5	80C$	50m	250m§	50m	1.0m	125C	2.0	1.0					15 §	XF§		TO5
89	ID605	300	1.6	70C	200u	800m	3.0m	100u	110	2.5	4.0	1.0u	1.0	40u	20 Ø	15	XB*		TO39
90	NCM8A	300	1.6	80C$	10m	3.0		1.0m	125C	2.0 §	1.0			12uØ		15 §	XA*		TO5
91	C6217	300	1.6	85C	200u	.80	2.0m	100u	125	1.5	1.6						XF		MU1a
92#	SF1F11	300	1.6	89C	1.0m	800m	10m	100m	125C	3.4	10					17	XC§		
93	SCRFL30	300 Ø	1.7	80C	15m	2.0	50m	.90m	125C	1.2 Δ	1.0	2.0u§	1.0	12u§		60 §	XC§		AX5
94#	CR2AM6	300 Ø	2.0 §	60C	1.0m	1.0		100u	110J	1.8	4.0					20	4B§	AC	MU26a
95#	BRY30	300 Ø	2.2	85C	15m	1.2	25m	.20mt	25	1.5 †	1.0					15 §	XF§		TO5
96	SE9228	300 Δ	2.5	25C	400u	.80	4.0m	1.5mΔ	125C	2.5	4.0	570n	5.0	15u	50	15 *§	XCØ		TO39
97#	TM3004	300	2.5	25A	25m	3.0	30mØ	3.0m	110J	2.0	8.0	2.0u§	1.0	60u§	50 Ø§	50		AF	SC22d
98	UCR30L	300 Δ	2.5	25A	50m		50m			1.2	3.0	500n	30	15u	250	60	XC§		AX7
99	NCR302B	300	3.0	80B$	50m	3.0		1.0m	125C	2.0 §	1.0					25 §	XA*	AF	SC3
100#	CR3E6	300 Ø	3.0	95C	20m	2.0		1.5m	125J	1.2 †	3.0					50	XC§		C115
101	SE9237	300 Δ	3.2	25C	1.0m	.80	10m	2.0mΔ	125C	2.4	5.0	1.0u	5.0	13u	200	25 *§	XCØ		TO39
102	SE9207	300 Δ	3.2	25C	25m	1.2	75m	2.0mtΔ	125C	2.4	5.0	.80u	5.0	15u	200	25 *§	XCØ		TO39
103#	TAG3-300	300	3.2	75C	15m	2.0	25m	1.0m	105J	1.2 Ø	5.0					60	XA		TO66
104#	CR4.301A	300	4.0	25A												42	XA§		S32
105#	1B40CL30	300	4.0	25	50m	50	70m	5.0u	25	2.5	10					80	XA		M315
106	TI140A3	300 †	4.0	60C	25m	3.5	25m	1.0m	105C	2.0	3.0					60 *	XAØ		A85
107	TC106C1	300	4.0 Δ	75C	200u	800m	3.0m	10u	25	2.2	4.0 †	1.0u	1.0	100u	100	20	XF%		RD45
108	SCR33A	300 Ø	4.0	80C	15m	2.0	25m	1.0mΔ	125C	2.0 Δ	3.0	1.0uØ	60			60 §	XC§	AF	SC6
109	SCRF33A	300 Ø	4.0	80C	15m	2.0	50m	1.0mΔ	125C	2.0 Δ	3.0	2.0u§	1.0	6.0u§		60 §	XC§	AF	SC6
110	SE9223	300 Δ	4.25	55C	.40m	.80	4.0m	1.5mtΔ	125C	2.6	6.0	.57u	5.0	15u	50	30 *§	XCØ		RD3b

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CURRENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	TM3007S	300	4.5	25A	40m	3.0	50mØ	3.0m	110J	2.5	15	2.0u		15u	100 §	80		AF	SC22d
2#	T3N300	300	4.5	85C	20m	3.0	25m	1.0m	125J	1.5	10	5.0u☑	3.0	25u		55	XC§		M350
3	TI137	300	4.7	80C$	50m	250m§	50m	1.0m	125C	2.0	3.0					25 §	XF§	AF	SC6
4	3RC30	300 ☑	4.7 △	92C	15m	2.0	5.0mØ	2.0m	105C	2.0	9.4 †					30 △	6A§	AF	TO64
5	2N1776B	300	4.7	105C	30m$	2.0 $	80m$	2.0m	105C	1.8	4.7	2.0u	10			60 §	XF☑	AF	TO64
6	206F	300 ☑	4.7	105	30m	2.0	50m	2.0m	105	1.6	2.0	4.0 §	2.0	8.0u	50 §	30	XA		
7	TCR3003	300	5.0	25C															
8#	T4.5/300	300	5.0	50	20m	3.0	25mØ			1.2	15				25	40	XC		M350
9#	2SF266	300	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0					90	XA§	AF	SC22b
10#	2SF266A	300	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0		5.0	15u☑	100 △	90	XA§	AF	SC22b
11	TIC13	300	5.0 △	80C	300m	2.5	360m	1.0m	100C	2.3	5.0	1.5u		6.0u		30 *	XA☑		TO3
12	CM109	300	5.0	100C	.20m	.80	3.0m	.50m†	150C	3.0	5.0	.50u	1.0	50u	150 Ø	20	XF*		TO59
13#	CR5-302B	300 †	5.0	125C	80m	3.0	150m	10m	125C	3.0	5.0	2.0u	5.0	12u	20		XC☑	AF	TO48
14#	TM3010	300	6.0	25A	40m	3.0	40mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	SC22d
15#	TRA3	300	6.0	25A	40m	3.0	50mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	RD17f
16#	TRA3D	300	6.0	25A	40m	3.0	50mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	SC18
17#	BTY31	300	6.0	60B	15m	2.0	4.0m§	4.0m	125J	1.6	10 §	2.0u	10	27u		55	XC*	AF	SC3
18#	BTY38	300	6.0	60B	15m	2.0	2.0m§	4.0m	150J	1.6	10 §	2.0u	10	22u		55	XF*	AF	SC3
19#	TP3004	300	6.0	100C	40m	3.0	100m	3.0m		1.2	4.0	2.0u	4.0	30u	100 §Ø	80	XC☑	AD	S18a
20	GCS30	300	6.3	80C	25m	1.5	50m	1.0m	100	1.8	20	1.5u	6.0	4.0u	200 Ø	60 §	XB*	AF	SC59
21#	BTY79-300	300	6.4		25m	2.5	10mØ	5.0m	125	2.3	20	3.0u	10	15u	20	50	XC§		
22#	BTY34/300	300	6.4	110B	30m	3.0	10mØ	5.0m	150	2.3	20	3.0u	10	20u		50 *	XF		
23#	T6.5N300	300	6.5	85C	15m	3.0										120	XA§		
24#	GCO3005	300	7.0	25A	100m	3.0	100mØ	1.5m		2.0	5.0					35	XA§	AF	TO48
25	SCR53A	300 ☑	7.0	60C	20m	2.0	25m	1.0m△	125C	1.9 △	15	1.0u§	100	20u§		100 §	XC§	AF	SC17
26	SCRF53A	300 ☑	7.0	60C	20m	2.0	50m	1.0m△	125C	1.9 △	15	2.0u§	10	6.0u§		100 §	XC§	AF	SC17
27	SCRF530	300 ☑	7.0	60C	25m	2.0	50m	1.0m	125C	1.9 △	15	2.0u§	10	12u§		100 §	XC§	AF	SC17
28	TI3013	300	7.0	60C	25m	3.0	30m	1.0m	125	1.8	5.0						XC☑	AB	RD20
29	TI40A3	300 †	7.0	70C	25m	3.5	25m	1.0m	105C	2.0	5.0					100 △	XA*	AF	TO64
30#	BTX31-300R	300	7.0	75C	15m	3.0	15m	5.0m	125J	1.8	7.0					100	XC		S276
31	SCRJ30	300 ☑	7.0	75C	25m	2.5	50m	2.0m△	105C	2.0 △	15	3.0u§	5.0	30u§		600 §	XA☑	AF	SC17
32#	TAG7-300R	300	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0					100	XA		S276
33#	TAG7S300R	300	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0			12u§		100	XA		S276
34#	BTX31S300R	300	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0			12u§		100	XC		S276
35#	BTX71-300R	300	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4	5.0	20u	200	100	XC		S276
36#	BTX71S300R	300	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4	5.0	12u§	200	100	XC		S276
37#	SS1030	300 ☑	7.2	40A	50m	3.0	25m	3.0mØ	100J	1.5 △	10	2.5u	10	10u			XA§		S118
38	5RC30	300 ☑	7.4 △	60C	15m	2.0	5.0mØ	2.0m	105C	1.9	15 †	2.5u	60		20	60 △	6A§	AF	TO64
39#	SF5F11	300	8.0	24	20m	2.0		4.0m	125J	2.0	20					60	XC§	AF	SC22a
40#	CR8.301A	300	8.0	25A												85	XA§		S32
41	MCR1305R5	300	8.0	63C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		S190a
42#	BTX54	300 Ø	8.0	65C	.20m	1.0	2.5m	.20m△	150	2.4	10	3.0u☑	5.0	22u☑		60 *	XF§		TO3
43	MCR1304R5	300	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		C64a
44	MCR1305-5	300	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		S190
45	MCR1604R5	300	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		C65a
46	MCR1605R5	300	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		M225a
47	MCR1304-5	300	8.0	70C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	100	XA§		C64
48	HCR5-300	300	8.0	80$	25m	3.0	50m	500u△	80	2.0	5.0					60	X8		S114
49	NCR302D	300	8.0	80B$	25m	3.0											XA*		S222
50#	BTX59	300 Ø	8.0	85C	15m	1.2	25m	2.0m△	125	2.2 †	8.0					60	XF§		TO3
51#	SH5F11	300	8.0	90C	30m	2.5	50m	4.0m	125J	2.0	20	6.0u	10	10u	100 △	60	XC§	AF	SC22a
52#	2SF327A	300	8.0	108	20m	2.0		4.0m	150J	2.0	20					60	XF§	AF	SC22a
53	SE9232	300 △	8.5	55C	1.0m	800m	10m	2.0m△	125C	2.2	10	1.0u	5.0	13u	200	60 *§	XC☑		RD3b
54	SE9202	300 △	8.5	55C	25m	1.2	75m	2.0mt△	125C	2.2	10	.80u	5.0	15u	200	60 *§	XC☑		RD3b
55#	BTX64-300R	300	8.5	85B	65m	3.5	10mØ§	10m	125J	3.0	50	400n	10	10u	65	140 *	XC§	AF	TO48
56#	BTX75-300R	300	8.5	110B	65m	3.5	10m§Ø	10m	150J	3.0	50	3.0u	10	25u		140	XF§	AF	TO48
57#	TP3006	300	9.0	100C	40m	3.0	100m	3.0m		1.2	6.0	2.0u	6.0	30u	100 §Ø	100	XC☑	AD	S18a
58#	BTY46	300	9.6	60B	80m	3.5	20m§	10m	125J	2.0	10 §	1.7u	1.0	7.0u		115	XC*	AD	SC4
59#	CR10G	300 ☑	10	20A	70m	3.5	10m§	10m△	100J	1.3 Ø	10			20u		100	XA*		S176
60	NCR300D	300	10	25C$				5.0	25C	1.2	10							AD	SC4
61#	BTY86	300	10	25A	25m§	3.5	20m§	5.0mØ	100J	1.2	16	4.5u§	50	20u§		120	XA*	AF	SC12
62#	TRA13	300	10	25A	80m	3.0	50mØ	3.0m	110J	2.0	30	2.0u§	10	50u§	50 Ø§	125		AF	RD17f
63#	TRA13D	300	10	25A	80m	3.0	50mØ	3.0m	110J	2.0	30	2.0u§	10	50u§	50 Ø§	125		AF	SC18
64#	CR10B6	300	10	59C	30m	2.5		3.0m	100J	1.6	30					150 △	XA§	AF	SC69
65#	2SF276	300	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10					90	XA§	AF	SC22b
66#	2SF276A	300	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10		10	15u☑	100 △	90	XA§	AF	SC22b
67#	TAG10-300R	300	10	65C	30m	3.0	30m	5.0m	105J	1.8	10					120	XA		S276
68#	TAG10S300R	300	10	65C	30m	3.0	30m	5.0m	105J	1.8	10			12u§		120	XA		S276
69	RTV0130	300	10	65C	50m	3.0	200m	2.0m	100	2.5	30	.20u	10		100	100	XA☑	AF	SC18
70	RTV0430	300	10	65C	50m	3.0	200m	2.0m	125	2.5	30	.20u	10		100	100	XC☑	AF	SC18
71#	CR10EY6	300	10	66C	40m	2.5		4.0m	125J	2.5	30		10	15u☑	100 △	140 △	XC§	AF	SC69
72#	CR5-3029B	300	10	70C	80m	3.0	20mØ	10m	100C	2.0	16	2.0u	20	4.0u☑	20	90	XC		
73#	CR6-403RB	300	10	70C	80m	3.0	28mØ	5.0mt	100C	2.0	16	2.3u	20	80u	20	100	XC	AF	
74#	CR6-403RBA	300	10	70C	80m	3.0	28mØ	5.0mt	100C	2.0	16	2.3u	20	80u	200	100	XC	AF	
75#	BTX32-300R	300	10	85C	25m	3.0	25m	5.0m	125J	1.8	10					120	XC		S276
76#	BTX32S300R	300	10	85C	25m	3.0	25m	5.0m	125J	1.8	10			12u§		120	XC		S276
77#	BTX72-300R	300	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	20u	200	120	XC		S276
78#	BTX72S300R	300	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	12u§	200	120	XC		S276
79#	CR10-302B	300 †	10	125C	80m	3.0	150m	10m	125C	2.0	10	2.0u	10	30u	20		XC§	AF	TO48
80#	2SF713	300	11	50B	40m	3.0		4.5m	100J	2.8	50				100	125	XA§	AD	SC4b
81#	CS22L	300	11.7	80B	50m	2.5	25m	10m	100J	2.2 △	30	2.0u		20u	20	125	XA§		S159
82	UCR30	300 △	12	55C	50m		50m			1.2	3.0	500n	30	15u	250	60	XC§		SC55
83#	2SF286	300	12	61C	50m	3.5	15mØ	3.0mØ	100	1.4	12					150	XA§	AF	SC15a
84#	2SF286A	300	12	61C	50m	3.5	10mØ	3.0mØ	100	1.4	12		12	15u☑	100 △	150	XA	AF	SC15a
85#	BTX65-300R	300	12	85B	65m	3.5	10mØ§	10m	125J	2.0	50	400n	10	10u	65	200	XC§	AF	TO48
86#	CR10-3029B	300	12	85C	80m	3.0	20mØ	10m	125C	2.0	5.0	2.6u	32	4.0u☑	20	120	XC		
87#	BTX76-300R	300	12	110B	40m	3.0	10m§Ø	10m	150J	2.0	50	3.0u	10	25u		200	XF§	AF	TO48
88#	BStD0220	300	13.5	74C	60m	2.5	120m	2.0m	115J					150u§	20 §	140	XB§	AD	SC4b
89#	SS2030	300 ☑	14.5	40A	60m	3.0	50m	5.0mØ	100J	1.2 △	20	2.5u	20	10u			XA§		S119
90#	CR12-403RB	300	14.5	75C	60m	3.0	28mØ	5.0mt	125C	2.0	32	2.3u	20	85u	20	160	XC		
91#	CR12-403RBA	300	14.5	75C	60m	3.0	28mØ	5.0mt	125C	2.0	32	2.3u	20	85u	200	160	XC		
92#	2SF76	300	15	25C	50m	3.0	20mØ	5.0m	100	1.2	7.0					100	XC	AF	SC11
93	204F	300 ☑	15	105J	50m	2.0	50m	2.0m	105	1.6	15	6.0u§	15	10u	35 §	125	XA	AF	S121a
94#	CR16G	300 ☑	16	20A	70m	3.0	10m§	10m△	100J	1.0 Ø	16			20u		100	XA*		S176
95#	BTY90	300	16	25A	25m§	3.0	10m§	5.0mØ	125J	.86	16	4.5u§	50	20u§		140	XC*	AF	SC12
96#	TR3015S	300	16	25A	80m	3.0	100mØ	5.0m	125J	2.5	50	2.0u§	10	20u§	200 §	250		AF	SC62
97#	TRA23	300	16	25A	80m	3.0	50mØ	3.0m	110J	2.0	50	2.0u§	10	50u§	50 Ø§	250		AF	RD17f
98#	TRA23D	300	16	25A	80m	3.0	50mØ	3.0m	110J	2.0	50	2.0u§	10	50u§	50 Ø§	250		AF	SC18
99#	SF10F11	300	16	26	80m	3.5		10m	100C	3.0	50					113	XA§	AD	SC4
100#	T21F20	300	16	40A	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20u	20	200	XA§		S242
101	NCF300E	300	16	57B$	80m	3.5		22mØ	100J	1.3 Ø	10			12u☑		125	XA§	AF	TO48
102#	BTY54	300	16	60B	40m	3.0	10m§	10m	125J	1.5	10 §	1.6u	1.0	6.6		140	XC*	AD	SC4
103#	BTY62	300	16	60B	40m	3.0	10m§	10m	125J	1.5	10 §	1.6u	1.0	6.6u	20	140	XC§	AD	SC4
104#	BTW30-300	300	16	65B$			200m	13m	125J	5.0	50 †	2.0u	50	12u	200	150 *	XC§	AF	TO48
105	RTV0330	300	16	65C	25m	2.0	50m	1.0m	100	2.0	50	.20u	16		100	150	XA☑	AF	SC18
106	RTV0630	300	16	65C	25m	2.0	50m	1.0m	125	2.0	50	.20u	16		100	150	XC☑	AF	SC18
107	10RC30	300 ☑	16 △	65C	40m	3.0	10mØ	5.0mØ	105C	2.3 †	31					125 △	6A§	AF	TO48
108	RTV0230	300	16	65C	50m	3.0	200m	2.0m	100	2.5	50	.20u	16		100	150	XA☑	AF	SC18
109	RTV0530	300	16	65C	50m	3.0	200m	2.0m	125	2.5	50	.20u	16		100	150	XC☑	AF	SC18
110#	BTW32-300R	300	16	65	150m	2.5						2.0u		6.0u	200	150	XC§	AF	TO48

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	T400031006	300	16 △	75	80m	3.0	100m	5.0m	125J	2.3	30				100	150	XC§	AF	TO48
2	T408031006	300	16 △	87	80m	3.0	100m	10m	125J	1.5	10				25	125	XC§	AF	TO48
3#	CR16-302B	300 †	16	125C	40m	3.0	120m	10m	125C	2.0	16	2.0u	10	20u	20		XC☑	AF	TO48
4#	T14F300C	300	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		SC7b
5#	T14F300E	300	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		MU5
6	MCR1308-5	300 ☑	18	47C	50m	1.5	8.0mØ	5.0m†△	100J	1.5 △	18 §	1.0u	18	12u§	30 △	225 △	XA§		S192☑
7	MCR808-5	300 ☑	18	57C	50m	1.5	8.0mØ	5.0m†△	100J	1.5 △	18 §	1.0u	18	12u§	30 △	225 △	XA§		M90☑
8	TIX93	300	18	75C	40m	3.5	40m	1.0m	125	1.6	18				100		XC☑	AD	RD21
9#	2SF36	300 ☑	19	50B	40m	3.0		10m	100J	2.0	50					150	XA§	AF	SC15
10#	CS21L	300	19	70B	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20u	20	200	XA§		S159
11#	CS32L	300	19.5	75B	50m	2.5	25m	20m	100J	1.8 △	50	2.0u		20u	20	360	XA§		S80
12#	BTX12/300R	300	20	25§	50m	3.0	40m§			3.5 §	175	4.0u§	10	10u§	20 §	250	XC§		S182
13#	TAG20-300R	300	20	45C	50m	3.0	50m	5.0m	105J	1.8	20					150	XA		S276
14#	TAG20S300R	300	20	45C	50m	3.0	50m	5.0m	105J	1.8	20			12u§		150	XA		S276
15#	2SF462	300	20	53C	50m	3.5	10mØ	10mØ	125	2.0	20		20	6.0u☑	50 △	300	XC§	AF	SC15a
16#	CR20A6	300	20	57C	50m	3.0		3.0m	100J	1.8	60					300 △	XB§	AF	SC15a
17#	2SF296	300	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20					300	XA§	AF	SC15a
18#	2SF296A	300	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20		20	15u☑	100 △	300	XA§	AF	SC15a
19	MCR2918-5	300 △	20 △	63C	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240 △	XA§	AF	SC18
20#	BTX33-300R	300	20	65C	50m	3.0	50m	5.0m	125J	1.8	20					150	XC		S276
21#	BTX33S300R	300	20	65C	50m	3.0	50m	5.0m	125J	1.8	20			12u§		150	XC		S276
22#	CR16-3029B	300	20	75C	60m	3.0	7.0mØ	10m	125C	2.0	50	2.5u	50	4.0u☑	20	160	XC		
23	MCR2818-5	300 △	20	100J	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240	XA§	AD	RD21
24	MCR2819-5	300 △	20	100J	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240	XA§	AF	SC18
25	TCR302	300	22	25C	50m	3.0	25mØ§	3.0mØ	100C	820mØ	20 §	7.5u		12u		150	XC☑		SC25
26#	BTW31-300	300	22	65B§			200m	13m	125J	2.9	50 †	2.0u	50	20u	200	225 *	XC§	AF	TO48
27#	TR3015	300	22.5	70C	25m	3.0	200m	3.0m	125J	2.0	30	1.5u	5.0	40u	40 Ø	250	XC☑	AF	TO48
28#	CR18-403RB	300	23	70C	40m	3.0	28mØ	5.0m†	125C	2.1	57	2.3u	20	85u	20	180	XC		
29#	CR18-403RBA	300	23	70C	40m	3.0	28mØ	5.0m†	125C	2.1	57	2.3u	20	85u	200	180	XC		
30#	T18F300C	300	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		SC7b
31#	T18F300E	300	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		MU9
32	T400031606	300	25 △	45	80m	3.0	100m	5.0m	125J	2.3	50				100	250	XC§	AF	TO48
33#	2SF244	300 ☑	25	55B	40m	2.0	10mØ	5.0mØ	125J	2.2 △	16	3.0u	10	15u§	20 §	150 *	XC%	AF	TO48
34#	SF16F11	300	25	57	40m	3.0		10m	125C	1.9	50					135	XC§	AD	SC4
35#	2N687-300R	300	25	60C	40m	3.0	50m	5.0m	125J	2.0 △	50	1.4u	10	20u		150	XC	AF	TO48
36#	BTX73-300R	300	25	60C	40m	3.0	50m	13m	125J	2.0 △	50	1.4u	10	20u	200	150	XC		S276
37#	BTX73S300R	300	25	60C	40m	3.0	50m	13m	125J	2.0 △	50	1.4u	10	12u§	200	150	XC☑	AF	TO48
38#	SH16F11	300	25	60C	50m	3.0	70m	6.0m	125J	1.9	50	6.0u	32	10u	100 △	135	XC§	AF	SC72
39	TI3040	300	25 △	60C	100m	4.0	130mØ	3.0m	125C	2.5	25	2.5u	25	2.9u	200	200	XC☑	AF	TO48
40#	T31F20	300	26	40A	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	600	XA§		S243
41#	BTX13/300R	300	30	25§	50m	3.0	40m§			3.5 §	250	4.0u§	10	6.0u§	20 §	300	XC§	AF	SC34
42#	BStF0320	300	30	85C	50m	3.0	40m	10m	125J					12u§	50 §	300	XC§		
43#	CS31L	300	32	70B	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	580	XA§		S80
44#	BTX66-300R	300	32	85B	80m	3.0	10mØ§	10m	125J	3.3	500	500n	50	15u	20	680 *	XC§	BX	TO94
45	T400032206	300	35 △	18	80m	3.0	100m	5.0m	125J	2.3	70				100	360	XC§	AF	TO48
46	NL-C40H	300	35	20C	40m	3.0								12u	200		XC§	AF	TO48
47	SCR163A	300 ☑	35	25C	25m	2.0	50m	4.0m△	125C	2.0	50	1.0u§	200	20u§		200 §	XC§	AF	TO48
48	SCRF163A	300 ☑	35	25C	25m	2.0	100m	4.0m△	125C	2.0	50	20u§	10	6.0u§		200 §	XC§	AF	TO48
49	ZJ244C	300	35	25C	40m	1.7	50m	10m	150J	2.1	50	1.5u	10	24u	30	150	XF☑	AF	TO48
50	SCRF1630	300 ☑	35	25C	40m	3.0	100m	4.0m△	125C	2.0	50	2.0u§	10	12u§		200 §	XC§	AF	TO48
51	TSC40C	300	35	25	80m$	3.0 $		5.0mØ	125C	2.2 $	16			12u		150	XC☑	AF	TO48
52	ZJ253C	300	35	25C	180m	3.0	150m	6.0m△	125C	2.5	100	1.5u	20	15u	200 §	200	XC	AF	TO48
53	ZJ255C	300	35	25C	180m	3.0	150m	6.0m	125C	2.5	100	1.5u	20	10u	200 §	200	XC	AF	TO48
54	T408032206	300	35 △	40	80m	3.0	100m	10m	125J	2.0	50				25	150	XC§	AF	TO48
55	NL571C	300	35	62C	40m	2.5	.10	5.0m	125J	1.5	50	1.4u	5.0	30u	200	600	XB§	AF	TO48
56	MCR2835-5	300 △	35	100J	40m	1.5	50m	5.0m	100J	1.5	35	1.0u	35	15u	50 Ø§	325	XA§	AD	RD21
57	MCR2935-5	300 △	35	100J	40m	1.5	50m	5.0m	100J	1.5	35	1.0u	35	15u	50 Ø§	325	XA§	AF	SC18
58#	CR30-304A	300	36	25	60m	3.0	66m			1.4	30		30	20u		500	XC	AF	TO49
59#	BStF0420	300	40	70C	100m	2.0		5.0m	110J					20u§	50 §	360	XB§	AD	SC4c
60#	BStF0520	300	40	78C	100m	2.0		5.0m	120J					150u§	50 §	320	XC§	AD	SC4c
61#	CR24-403RB	300	40	80C	40m	3.0	28mØ	5.0m†	125C	1.4	50	2.3u	20	85u	20	320	XC		
62#	CR24-403RBA	300	40	80C	40m	3.0	28mØ	5.0m†	125C	1.4	50	2.3u	20	85u	200	320	XC		
63#	T30F300C	300	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u☑	25	25u§	50 §	800 §	XC§		SC7b
64#	T30F300E	300	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u☑	25	25u§	50 §	800 §	XC§		MU8
65	NLE45C	300	45	89C	70m	2.5	.10	8.0m	125J	3.0	500	5.0u	50	30u	200	1.2k	XC§	AF	TO83
66	C146C	300	55 △		100m	3.0								40u☑			XC*		SC41
67	NL-C45H	300	55	83C	70m	3.0	100m	8.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO83
68	NL-C46H	300	55	83C	70m	3.0	100m	8.0m	125J	3.0 †	500	5.0	50		200	700	XC§	AF	TO49
69	TSC45H	300	55	85	125m	3.0	100m	8.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	SC8
70	TSC46H	300	55	85	125m	3.0	100m	8.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	TO49
71	211E	300	55	86S	70m	3.0	10m	20m	125J	1.4	35	1.0u		15u		700	XC*	AF	SC3a
72	TS555H	300	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	TO49
73	TS556H	300	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	SC8
74	NL555H	300	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO49
75	NL556H	300	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO83
76	NL548C	300	55 △	89C	200m	2.5	500m	8.0m	125J	3.6 †	500	5.0u	50	15u§	200 §	1.2k△	XC§	AF	TO83
77	NL549C	300	55 △	89C	200m	2.5	500m	8.0m	125J	3.6 †	500	5.0u	50	20u§	200 §	1.2k△	XC§	AF	TO83
78	NL551C	300	55 △	89C	200m	2.5	500m	8.0m	125J	3.6 †	500	5.0u	50	15u§	200 §	1.2k△	XC§	BX	TO94
79	NL552C	300	55 △	89C	200m	2.5	500m	8.0m	125J	3.6 †	500	5.0u	50	20u§	200 §	1.2k△	XC§	BX	TO94
80#	BTX44-300R	300	55 △	90C	100m	3.0	100m§	10m	110J	1.8	110	4.0u	35	18u	20	900 §*	XB☑	AF	S189a
81	213F	300 ☑	55	125J	110m	4.0	10mØ	12m	125	1.7	35	1.5u§	50	15u§	100 §	500		AF	SC3a
82#	BStG0320	300	60	40A	300m$	2.0	180m$	10m	105J	1.6 $	29	5.0u	38	40u	200	545	XA§	AF	S189C#
83#	BRY25	300 Ø	60	55A	.20m	1.0	2.5m	.20m△	150	2.7	5.0	3.0u☑	5.0	22u☑		15	XF§		TO5
84#	BTX67-300R	300	62	85B	80m	3.0	10mØ§	10m	125J	2.5	500	500n	50	15u	20	900	XC§	BX	TO94
85#	T50F300	300	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.0u☑	25	30u§	50 §	800 §	XC§	BX	M330b%
86#	CR50-304A	300	64	25	100m	3.0	73m					5.5u	50	20u		600	XC	AF	TO49
87#	BStG0220	300	65	40A	300m$	2.0	180m$	10m	105J	1.3 $	40	5.0u	42	150u	200	690	XA§	AF	S189C#
88#	2SF376	300	70	66C	150m	2.5	15mØ	10mØ	100	1.3	200					1.5k	XA§	AF	S189b
89#	CR70B6	300	70	74C	70m	3.0		6.0m	125J	1.7	220				10 △	1.5k△	XC§	AF	SC34b
90#	BTY94	300	78	60B	75m	3.0	20m	5.0m	125J	1.3	50	3.0u		20u			XC§	AF	SC30
91#	BTX21	300 Ø	78	70C	100m	300m	100m	20m	70C	2.0	150					500 §	X9	AF	TO49
92#	BTX29-300R	300	78 △	85C	100m	3.0	100m§	10m	110J	1.7	150	6.0u	50	20u	20	1.1k§*	XB☑	AF	S189a
93#	2SF53	300	79	25	150m	3.5		20m	100C	2.8	250					600	XA§		S136
94	TCR3050	300	80	70C	50m	3.0	25mØ	4.0mØ	100C	750mØ	50 §	4.5u		18u		1.0k	XC☑	AF	SC24
95#	CR80.301	300	80	75B$						2.5							XA§	AF	M30
96#	CS41L	300	85	75B	100m	2.5	60m	20m	100J	2.2 △	220	2.0u		20u	20	1.0k	XA§		M129
97#	130T4	300	93	125J$	100m	2.0	20m	25m	125C	1.6	500	10u	200	45u		1.2k*	XC§		S226
98#	TS3060	300	95	100B$	100m	3.0		5.0m	100	1.2	60					1.0k	XCØ		
99#	2SF306	300	100	60C	150m	2.5	15mØ	10mØ	100	1.3	200					2.0k	XA§	AF	S189b
100#	CR100.301	300	100	75B$						2.0							XA§		M30
101#	10TC30B	300	110	30C	60m	3.0	20m			1.5	110	3.0u	110	25u	20	1.1k	XA§	BX	SC32
102#	BStH0420	300	110	46C	100m	2.0	180m	10m	110J					20u§	50 §	1.0k	XB§	AF	SC34a
103#	BStH0520	300	110	52C	200m	2.0	200m	10m	120J					250u§	50 §	900	XC§	AF	SC34c
104#	2SF357	300 ☑	110	60B	70m	2.5	10mØ	5.0mØ	125J	1.9 △	70	4.5u	50	20u§	20 §	1.0k*	XC%	BX	SC10
105#	70RC30	300	110	60B	70m	2.5	10mØ	5.0m	125B	1.8	70	4.5u	50	20u		1.0k	XCØ	BX	SC10
106	70RCF30A	300 ☑	110	60B	70m	2.5		5.0mØ	125J	1.8 △	220		50	20u§		1.0k§	XC§	AF	TO49
107#	BTY69	300	110	60B	70m	3.0	20m§	10m	125J	1.1	100 §	2.0u	50			1.0k	XC*	AF	SC3a
108#	BTY98	300	110	60B	70m	3.0	20m	5.0m	125J	1.4	70	3.0u		20u			XC§	AF	SC30
109	USN2N1915W	300	110	60B	70m	3.0 §	40m	15m	125A	1.4	50	15u		40u		1.0k	XCØ	AF	TO49
110	156C	300	110	60C	500m	40	500m					5.0u§	50	7.0u	200	1.0k	XC	AF	SC8

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	TYPE No. [6]	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	157C	300	110	60C	500m	40	500m					5.0u§	50	12u	100	1.0k	XC	AF	SC8
2	NL-C55H	300	110	78C	70m	3.0	100m	8.0m	125J	2.5 †	500	5.0u	50	20u	200	1.0k	XC§	AF	TO83
3	NL-C56H	300	110	78C	70m	3.0	100m	8.0m	125J	2.5 †	500	5.0u	50	20u	200	1.0k	XC§	AF	TO83
4#	BTX45-300R	300	110 △	80C	100m	3.0	100m§	10m	110J	1.7	220	7.0u	70	20u	20	1.2k§*	XB☑	AF	S189a
5	NLE155C	300	110	83C	.15	2.5	.50	8.0m	125J	3.0	500	5.0u	50	20u	200	1.4k	XC§	BX	TO94
6	NLE157C	300	110	83C	.15	2.5	.50	8.0m	125J	3.0	500	5.0u	50	20u	200	1.4k	XC§	AF	TO83
7	NL2N2029	300	110	87C	75m	3.0	100m	15m	150J	2.5	500	5.0u	50	50u	200	1.0k	XF§	AF	TO49
8	NLE150C	300	110	89C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	TO94
9	NLE152C	300	110	89C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	TO83
10	NLH150C	300	110	89C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	TO94
11	NLH152C	300	110	89C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	TO83
12	809F	300	110	100B	50m	3.0	20mØ	20m		800mØ	70	3.0u☑		30u☑		1.0k	XC§		A17a
13	212F#1	300 ☑	110	125J	90m	3.0	10mØ	12m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	SC16
14	212F#2	300 ☑	110	125J	90m	3.0	10mØ	12m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	TO49
15#	T95F300	300	115	85C	100m	3.0	300m	30m	125J	1.8	300	2.5u☑	50	30u§	50 §	2.0k§	XC§	BX	MU6
16#	230T4	300	115	125J§	100m	2.0	20m	25m	125C	1.6	500	10u	200	45u		1.5k*	XC§		S226
17#	2SF46	300	126	53	100m	2.0		20m	125C	1.8	250					900	XC§		S136
18#	T20N300R3	300	149	70C	200m	2.5										149	XA☑		M199
19#	BStL2420	300	150	50C	300m	2.0	150m	10m	110J	1.8	450			25u☑	50 §	2.5k	XB§		
20#	BStL2520	300	150	55C	300m	2.0	150m	10m	120J	2.0	450				50 §	2.3k	XC§		
21#	TT3	300	150	60C	500m	3.0	300m	25m	100J	2.2	350	5.0u	15		20 §Ø	2.0k	XA☑	BX	SC36
22#	330T4	300	160	125J§	100m	2.0	20m	25m	125C	1.6	500	10u	200	45u		2.0k*	XC§		S226
23#	CR608SA0404	300	165	85C	150m	3.5	50mØ	30m	125J	1.6	450			125u§	300u	3.0k	XC§	BK	RD48a
24#	CR150B6	300	175	75C	300m	3.0		15mØ	125J	1.8 †	500 §					4.0k△	XC§	BX	SC42
25	228F	300	175	125J	300m	3.0		15m	125J	1.4	100	5.0u	100	40u	100	3.3k*	XC§	BC	MU15
26#	BStL0220	300	190	40A	300m§	2.0	180m§	10m	115J	1.3 §	250	5.0u	120	150u	200	2.8k	XB§		S251#
27	218F	300	200	80C	300m	4.0		15m	125J	1.3	100			40u	100	3.3k*	XC§	BX	TO93
28#	T170F300	300	210	85C	250m	3.0	300m	50m	125J	1.6	500	3.0u☑	100	30u§	50 §	4.0k§	XC§	BX	M330c%
29	200F	300	230	85C	100m	2.5	15m	15m	125J	1.2	150					3.5k	XC§	BX	SC21
30#	CR150-301A	300	235	25	150m	3.5	55m					6.5u	150	100u		3.3k	XC		M201
31#	CR150-302B	300	235	25	150m	3.5	55m					6.5u	150	20u		3.3k	XC		M201
32#	BStL0420	300	235	35C	300m	2.0	180m	10m	110J					20u§	50 §	2.5k	XA§		S251
33#	BStL0520	300	235	40C	300m	2.0	200m	10m	120J					250u§	50 §	2.3k	XC§		S251
34#	2SF365	300 ☑	235	55B	100m	2.5	50mØ	10mØ	125J	1.7 △	150	5.0u	100	25u§	4 §	3.0k*	XC§		S86
35	150RC30	300 ☑	235	55B	100m	2.5		10mØ	125J	1.7 △	471					3.0k§	XC§		S86
36#	BStL3520	300	235	58	250m	1.5	250m	15m	125	2.0	450				200	2.6k	XC§	BX	SC89
37#	2SF337	300	235	64	100m	2.0		15m	125J	1.5	500					3.2k	XC§		S136a
38	6RW56FC	300	235	75B	100m	2.0	12mØ	10m	125J	650m§	150 Ø	4.5u		25u		3.0k			S71
39#	CR150-302A3	300	235	75C	150m	3.5	35mØ	15m	25C	1.4	450	6.5u	400	35u	20	3.3k	XC☑		M201
40#	CR150-302A4	300	235	75C	150m	3.5	35mØ	15m	25C	1.6	450	6.5u	400	35u	20		XC☑		M201
41#	CR150-302A5	300	235	75C	150m	3.5	35mØ	15m	25C	1.8	450	6.5u	400	35u	20		XC☑		M201
42#	CR150-302A6	300	235	75C	150m	3.5	35mØ	15m	25C	2.0	450	6.5u	400	35u	20		XC☑		M201
43#	28F480	300	235	76S	150m	3.0	200m	20m	125J	1.5	500					3.2k	XC	BX	SC10a
44#	BTX46-300R	300	235 △	85C	300m	3.0	300m§	10m	110J	1.6	480	8.0u	150	50u	20	2.5 §*	XB☑	BX	SC39
45#	430T4	300	235	125J§	100m	2.0	20m	25m	125C	1.6	500	10u	200	45u		3.0k*	XC§		S226
46#	CR250B6	300	250	21A	350m	4.0		15mØ	125J	1.8 †	780 §				10 △	5.0k	XC§	BX	M247a
47#	T20F300	300	250	55C	200m	2.5	50mØ	15m	25	1.5	450	5.0u		20u		3.5k	XC☑		M201
48	229F	300	250	125J	300m	3.0		15m	125J	1.3	100	5.0u	100	40u	100	5.0k*	XC§	BC	MU15
49#	TY180NP3K2	300	260	70B	200m	3.5	50m	28m	125J	1.6	600	10u☑	500	20u☑	20 §	3.6k	XC§		
50#	TY180QP3K2	300	260	70B	200m	3.5	50m	28m	125J	1.6	600	10u☑	500	30u☑	20 §	3.6k	XC§		
51#	T260F300	300	260	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	50u§	50 §	4.0k§	XC§	BX	M330c%
52#	CR300A6	300	300	10A	350m	4.0		15mØ	125J	1.8 †	780 §				100 △	5.0k△	XC§	BX	M247a
53#	CR300AW6	300	300	11A	350m	4.0	30mØ	15m	125J	1.9 §	780			50 §	100 §	5.0k	4C	BX§	SC56
54	2231F	300	300	125J	300m	4.0		15m	125J	1.3 §	100	4.0u	100	30u	100	4.5k*	XC§	BX	SC1
55	2232F	300	300	125J	300m	4.0		15m	125J	1.3 §	100	8.0u	100	40u	100	4.5k*	XC§	BX	SC1
56#	BStN0220	300	315	40A	300m§	2.0	180m§	10m	115J	1.4 §	520	5.0u	200	150u	200	6.9k	XB§		S251A#
57#	BTX41-300R	300	315 △	80C	300m	3.0	300m§	10m	110J	1.5	600	10u	200	50u	20	3.5k§*	XB☑	BX	SC39
58#	BStL4020	300	325	59	300m	1.5	150m	10m	120	2.1	660				50	2.6k	XC§	AB	MU52
59#	BStN1520	300	350	64C	300m	2.0	150m	15m	125J	1.9	1.0k				200 §	5.1k	XC		
60	223F	300	370	25B	300m	4.0	25m§Ø	15m	125J	1.2 §	100			50u	50	5.0k*	XC§	BX	SC1
61#	250RC30	300	392		150m	2.0	40m	8.0m	125J	1.5	250	5.0u	100	100u	10	4.8	XC§		
62#	BStN0320	300	400	20C	300m	2.0	180m	10m	115J					40u§	20 §	4.7k	XB§		S251a
63	222F	300	400	25§	300m§	4.0 §	25m§	15m	125J	1.2 §	100					5.0k	XC§	BX	SC1
64#	BStN0520	300	400	28C	300m	2.0	180m	10m	120J					250u§	50 §	5.1k	XC§		S251a
65#	71T3C	300	400	70B	300m	3.0	300m	20m	100J	1.9	780					3.8k	XCØ	BX	MU4
66#	CR7K403A5	300	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
67#	CR7K403A45	300	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
68#	BStN2320	300	440	33C	300m	2.0	180m	10m	115J					40u§	20 §	4.7k	XB§	BX	SC57
69#	BStN2520	300	440	41C	300m	2.0	180m	10m	120J					250u§	50 §	5.1k	XC§	BX	SC57
70#	BStN3520	300	440	58	250m	1.5	250m	25m	125	1.9	840				200	6.1k	XC§	BX	SC57
71	C510C	300	450 △	125J	200m	5.0	500m	10m	25C	2.2 †	500		300	12u§	200 §	4.0k	XC§	BR	MU20
72#	CR7K403A4	300	460	65C	150m	3.5	55mØ	50m	125J	1.7	1.0k	3.5u	600	180u	100	6.4k	XC§	BX	M308b
73#	300RC30	300	470		150m	2.0	40m	8.0m	125J	1.4	300	5.0u	100	100u	10	5.5k	XC§		
74#	2SF493	300	470	62S	150m	3.0	200m	20m	125J	1.4	1.0k					5.0k	XC	BX	SC10a
75	6RW71F	300	470	65B	225m	3.1	25m	20m△	125J	650mØ	300	4.5u				5.5k	XC§	AF	SC19
76	6RW71FY	300	470	65C	250m	3.1		10mØ	125J	.65 Ø	300				4.0	5.5k§	XC	AF△	SC19
77#	CR7K403A35	300	480	65C	150m	3.5	78mØ	50m	125C	1.6	1.0k			180u		6.9k	XC%	BX	M308b
78#	CR7K403A3	300	500	65C	150m	3.5	78mØ	50m	125C	1.5	1.0k			120u		7.5k	XC%	BX	M308b
79#	CR807SB0404	300	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
80#	BStP3520	300	550	69	250m	1.5	250m	40m	125	1.7	1.0k				200	9.8k	XC§	BX	SC57
81#	CR9K403A25	300	600	65C	150m	3.5	55mØ	50m	125J	1.3	1.0k	3.5u	600	180u	100	900	XC§	BX	M308b
82#	CR702SC0404	300	600	65C	150m	3.5	55mØ	50m	125C	1.3	1.0k	3.5u	600	180u	100	9.0k§	XC§	BK	RD48
83#	BStN4020	300	625	60	300m	2.0	150m	10m	120	2.0	1.2k				50	5.5k	XC§		
84	C507C	300	625 △	125J	150m	4.0	100m	50m	125C	1.4	500	5.0u	25	100u☑	100	6.5k	XC§	BR	MU20
85	C508C	300	625 △	125J	150m	4.0	100m	50m	125C	1.3	500	5.0u	25	60u☑	100	9.0k	XC§	BR	MU20
86#	CR9K403A2	300	680	65C	150m	3.5	55mØ	50m	125J	1.1	1.0k	3.5u	600	180u	100	11k	XC§	BX	M308b
87#	BStN4520	300	705	69	250m	1.5	250m	25m	125	2.1	1.3k				200	6.1k	XC§	BC	MU53a
88#	BStP0320	300	1.0k	34C	300m	2.0	180m	20m	110J					40u§	20 §	9.5k	XB§		MU25
89#	BStP0520	300	1.0k	39C	300m	2.0	300m	20m	115J					250u§	50 §	10k	XB§		MU25
90#	BStP0220	300	1.1k	47C	300m	2.0	180m	20m	115J					180u§	20 §	11k	XB§		MU25
91#	BStP4520	300	1.2k	60	250m	1.5	250m	40m	125	2.0	2.4k				200	10k	XC§	BC	MU53
92#	BStP1520	300	1.22k	60	250m	1.5	250m	40m	125	2.0	2.4k				200	10k	XC§		MU25
93#	TSK10-04	320	22	35	100m	4.0	50m			1.3	22	12u		15u	5.0 §	400	XB§		S259#
94#	TSK25-04	320	50	35	150m	4.0	70m			1.4	50	12u		15u	5.0 §	800	XB§	BK	S260#
95#	TSK35-04	320	65	35	150m	4.0	70m			1.2	65	12u		15u	5.0 §	900	XB§	BK	S260#
96#	TSK50-04	320	95	35	200m	4.0	100m			1.5	95	15u		20u	5.0 §	2.0k	XB§		S261#
97#	TSK65-04	320	120	35	200m	4.0	100m			1.2	120	15u		20u	5.0 §	3.0k	XB§		S261#
98#	C611L	330	.75	40C	7.0m	.25	12m	.80m		2.2	2.4					20	XA☑	AD	TO5
99#	SIT0.8-300	330	1.25	65C	10m	3.0	20m	1.0m△	125J	1.2	1.5	2.0u	1.0	15u	15	20	XC§		TO5
100#	SIT4-300	330	4.5	90B	20m	3.0	25m	1.0m△	125J	1.3	4.5	2.0u	3.0	17u	15	55	XC§	AF	SC6
101#	35T4	330	35	80B	150m	.25	150m	10m†		2.2 †	110					630	XCØ	AF	S63b
102#	CRS25/30AF	330	45	55B	50m	3.0	50m	10m△	110J	1.2	45	2.0u	25	20u	10	500	XB§	AF	SC12
103#	SIT20-300	330	45	55B	50m	3.0	50m	10m△	110J	1.2	45	2.0u	25	20u	10	500	XC§	AF	SC12
104#	33T4	330	55	72B	200m	3.0	150m	10m	100J	2.2	110					520	XCØ		S266a
105#	CRS70-30AF	330	110	70B	50m	3.0	60m	20m△	125J	1.2	110	2.0u	70	30u	10	1.4k	XC§	AF	TO49
106#	SIT80-300	330	110	70B	50m	3.0	60m	20m△	125J	1.2	110	2.0u	70	30u	10	1.4k	XC§	AF	TO49
107#	61T4	330	170	80B	300m	250m		20m†		2.0 †	535					3.2k	XCØ	BX	MU4a
108#	72T4	330	350	60B	300m	250m	400m	20m†		2.0 †	1.1k					5.4k	XCØ	BX	MU4a
109	SCRJL35	350 ☑	1.0	25C	50m	2.0	50m	4.0m	100C	1.5	1.0	2.0u§	1.0	30u§		60 §	XA§	AD	AX5
110#	CS12M	350	1.0	60B	15m	2.5	12m	2.0m	100J	2.5	3.0	2.0u		20u	20		XA§		P2dØ

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CURRENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	RTF0535	350	1.0	80C	20u	800m	3.0m	20u	125	1.3	1.0	200n	1.0		100	15	XC☑		TO5
2	RTF0435	350	1.0	80C	100u	800m	5.0m	100u	125	1.4	1.0	200n	1.0		100	15	XC☑		TO5
3	RTF0135	350	1.0	80C	200u	1.0	5.0m	100u	100	1.5	1.0	200n	1.0		100	15	XA☑		TO5
4	RTF0335	350	1.0	80C	200u	1.0	10m	500u	125	1.5	1.0	200n	1.0		100	15	XC☑		TO5
5	RTF0235	350	1.0	80C	1.0m	1.0	10m	1.0m	125	2.5	1.0	200n	1.0		100	15	XA☑		TO5
6	SCRFL35	350 ☑	1.7	80C	15m	2.0	50m	.90m	125C	1.2 △	1.0	2.0u§	1.0	12u§		60 §	XC§		AX5
7	SCRL35	350 ☑	1.7	80C	15m	2.0	20m	.90m△	125C	1.2 △	1.0	1.3u§	1.0	15u§		60 §	XC§		AX5
8	SCR335	350 ☑	4.0	80C	10m	2.0	25m	1.0m△	125C	2.0 △	3.0	1.3u§	1.0	15u§		60 §	XF§	AF	SC6
9	TCR3503	350	5.0	25C															
10#	2SF267	350	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0					90	XA§	AF	SC22b
11#	2SF267A	350	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0		5.0	15u☑	100 △	90	XA§	AF	SC22b
12#	BTZ38	350	5.5	85C	25m	1.5	30m			1.8	10	1.0u☑	5.0	30u		65	XA§		M347a
13	SCR535	350 ☑	7.0	60C	15m	2.0	25m	1.0m	125C	1.9 △	15	1.0u§	10	15u§		100 §	XC§	AF	SC17
14	SCRF535	350 ☑	7.0	60C	25m	2.0	50m	1.0m	125C	1.9 △	15	2.0u§	10	12u§		100 §	XC§	AF	SC17
15	SCRJ35	350 ☑	7.0	75C	25m	2.5	50m	2.0m△	105C	2.0 △	15	3.0u§	5.0	30u§		600 §	XA☑	AF	SC17
16	SCR535A	350 ☑	7.0	110C	15m	2.0	25m	1.0m△	150C	1.9 △	15	1.0u§	10	15u§		100 §	XF§	AF	SC17
17#	2SF277	350	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10					90	XA§	AF	SC22b
18#	2SF277A	350	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10		10	15u☑	100 △	90	XA§	AF	SC22b
19#	CS22M	350	11.7	80B	50m	2.5	25m	10m	100J	2.2 △	30	2.0u		20u	20	125	XA§		S159
20#	2SF287	350	12	61C	50m	3.5	15mØ	3.0mØ	100	1.4	12					150	XA§	AF	SC15a
21#	2SF287A	350	12	61C	50m	3.5	10mØ	3.0mØ	100	1.4	12		12	15u☑	100 △	150	XA	AF	SC15a
22	SCR835	350 ☑	16	25C	75m	3.5	100m	6.0m△	100C	3.0	50	3.0u§	10	30u§		150 §	XA§	AF	TO48
23#	CS21M	350	19	70B	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20u	20	200	XA§		S159
24#	CS32M	350	19.5	75B	50m	2.5	25m	20m	100J	1.8 △	50	2.0u		20u	20	360	XA§		S80
25#	2SF297	350	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20					300	XA§	AF	SC15a
26#	2SF297A	350	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20		20	15u☑	100 △	300	XA§	AF	SC15a
27	TCR352	350	22	25C	50m	3.0	25mØ§	3.0mØ	100C	820mØ	20 §	7.5u		12u		150	XC☑		SC25
28#	CS31M	350	32	70B	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	580	XA§		S80
29	SCR1635	350 ☑	35	25C	40m	3.0	50m	4.0m△	125C	2.0	50	1.5u§	10	20u§		200 §	XC§	AF	TO48
30	SCR1635A	350 ☑	35	25C	40m	3.0	50m	4.0m△	125C	2.0	50	1.5u§	10	20u§		250 §	XC§	AF	TO48
31	SCRF1635	350 ☑	35	25C	40m	3.0	100m	4.0m△	125C	2.0	50	2.0u§	10	12u§		200 §	XC§	AF	TO48
32#	2SF377	350	70	66C	150m	2.5	15mØ	10mØ	100	1.3	200					1.5k	XA§	AF	S189b
33	TCR3550	350	80	70C	50m	3.0	25mØ	4.0mØ	100C	750mØ	50 §	4.5u		18u		1.0k	XC☑	AF	SC24
34#	CS41M	350	85	70B	100m	2.5	60m	20m	100J	2.2 △	220	2.0u		20u	20	1.0k	XA§		M129
35#	2SF307	350	100	60C	15m	2.5	15mØ	10mØ	100	1.3	200					2.0k	XA§	AF	S189b
36#	150RC35	350 ☑	235	55B	100m	2.5		9.0mØ	125J	1.7 △	471					3.0k	XC§		S86
37	6RW56GC	350	235	75B	100m	2.0	12mØ	8.5m	125J	650m§	150 Ø	4.5u		25u		3.0k			S71
38#	61T3C	350	260	70B	300m	3.0	400m	20	100J	2.0	535					3.2k	XCØ	BX	MU4
39	6RW71G	350	470	65B	225m	3.1	25m	20m△	125J	650mØ	300	4.5u				5.5k	XC§	AF	SC19
40	6RW71GY	350	470	65C	250m	3.1		10mØ	125J	.65 Ø	300				4.0	5.5k§	XC	AF△	SC19
41#	CS11M	360	.75	40C	7.0m	.25	12m	.80m		2.2	2.4					20	XA☑	AD	TO5
42	NL-C37C	360	25	37C	80m	3.5	20mØ	2.0m	105J	2.3 †	30	1.4u	5.0		50	175	XA§	AF	TO48
43	NL-C40C	360	35	20C	40m	3.0								12u	200		XC§	AF	TO48
44	NL-C45C	360	55	83C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO83
45	NL-C46C	360	55	83C	70m	3.0	100m	4.0m	125J	3.0	500	5.0u	50		200	700	XC§	AF	TO49
46	TSC45C	360	55	85	125m	3.0	100m	8.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	SC8
47	TSC46C	360	55	85	125m	3.0	100m	8.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	TO49
48	211F	360	55	86S	70m	3.0	10m	20m	125J	1.4	35	1.0u		15u		700	XC*	AF	SC3a
49	TS555C	360	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	TO49
50	TS556C	360	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	SC8
51	NLF45C	360	55	89C	70m	3.0	100m	8.0m	125J	3.0 †	500	5.0u	50	30u§	200 §	1.2k	XC§	AF	TO83
52	NLF46C	360	55	89C	70m	3.0	100m	8.0m	125J	3.0 †	500	5.0u	50	30u§	200 §	1.2k	XC§	BX	TO94
53	NL555C	360	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO49
54	NL556C	360	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO83
55	NL-C55C	360	110	78C	70m	3.0	100m	4.0m	125J	2.5 †	500	5.0u	50	20u	200	1.0k	XC§	AF	TO49
56	NL-C56C	360	110	78C	70m	3.0	100m	4.0m	125J	2.5 †	500	5.0u	50	20u	200	1.0k	XC§	AF	TO83
57	NL-C180C	360	235	80C	150m	3.0	500m	6.0mØ	125J	2.9 †	1.5k	8.0u	100		200 §	3.5k	XC§		TO93
58	MA102C	360	235	85C	300m§	150m	400m§	20m	80	1.5 §	600	4.5u	200	30u	200	3.5k§*	XA☑	BX	SC39
59#	T21F25	375	16	40A	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20u	20	200	XA§		S242
60#	T31F25	375	26	40A	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	600	XA§		S243
61#	CS30-300BX	375	98	70	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	15u§	12 §	800	XC§		S231
62#	CS30-300BY	375	98	70	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	80 §	12 §	800	XC§		S231
63#	CS30-300CX	375	98	70	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	15u§	50 §	800	XC§		S231
64#	CS30-300CY	375	98	70	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	80u§	50 §	800	XC§		S231
65#	CRS1/35AF	385	1.25	65C	10m	3.0	20m	1.0m△	125J	1.2	1.5	2.0u	1.0	15u	15	20	XC§		TO5
66#	CRS3/35AF	385	4.5	90B	20m	3.0	25m	1.0m△	125J	1.3	4.5	2.0u	3.0	17u	15	55	XC§	AF	SC6
67#	CRS25/35AF	385	45	55B	50m	3.0	50m	10m△	110J	1.2	45	2.0u	25	20u	10	500	XB§	AF	SC12
68#	CRS70-35AF	385	110	70B	50m	3.0	60m	20m△	125J	1.2	110	2.0u	70	30u	10	1.4k	XC§	AF	TO49
69	C11DR700	400			15m	2.0	25m	1.0	125C	1.9	15	1.5u	10	50u	8.2	60	XC§		S90
70	C35DR700	400			40m	3.0	50m	5.0m	125C	2.0	50	4.2u	10	50u	18	150	XC§	AF	SC9
71	C506D	400			220m	5.0	500m	10m	25C				300	40u§	200 §	8.0k	XC§	BR	MU20
72#	CR02A8	400 Ø	200m	40A	1.0m	1.0	2.0mØ	30m	125J	1.2 †	1.0					15	XC§		C114
73#	2SF1114	400 Ø	300m	30A	1.0m	800m		100u	110J	1.2	600m					10	4B§	AE	RD12
74#	CR02AM8	400 Ø	300m	30A	1.0m	800m		100u	110J	1.2	600m					10	4B§	AE	RD12
75	2N1765	400 †	500m	25A	10m	1.0		1.0m†△	25	50	50	120n	50				X8*	AF	TO48
76	JAN2N1765	400	500m	25	10m	1.0	5.0m					125u	50			50	XF*		TO5
77#	TDRA4	400	600m	25A	10m	3.0	20mØ	1.0m	125J	2.0	1.0	1.5u§	500m	20u§	50 Ø§	12			RD1a
78#	TD4001J	400	600m	25A	20m	3.0	40mØ	1.0m	125J	2.0	1.0	1.5u§	500m	15u§	50 Ø§	12			RD1a
79#	BRY26	400 Ø	.60	55A	.20m	1.0	2.5m	.20m△	150	2.7	5.0	3.0u☑	5.0	22u☑		15	XF§		TO5
80	TI1935	400	850m	80§						1.1	850m					30	XC☑		A85a
81#	T0.8N400	400	900m	85C	10m	3.0	25m	1.0m	125J	1.2	2.5	5.0u☑	1.0	25u	50 §	19 §	XC§		C41%
82#	TDR4	400	1.0	25A	20m	3.0	30mØ	1.0m	125J	2.0	1.0	1.5u§	500m	20u§	50 Ø§	12			RD1a
83	SCRJL40	400 ☑	1.0	25C	50m	2.0	50m	4.0m	100C	1.5	1.0	2.0u§	1.0	30u§		60 §	XA§	AD	AX5
84#	CS12N	400	1.0	60B	15m	2.5	12m	2.0m	100J	2.5	3.0	2.0u		20u	20		XA§		P2dØ
85#	T.75F400	400	1.0	60	25m	2.5	20m	1.0m	90J	2.0	1.0	2.0u	.40	20u	20	15	X4*		TO5
86	RTF0540	400	1.0	80C	20u	800m	3.0m	20u	125	1.3	1.0	200n	1.0		100	15	XC☑		TO5
87	RTF0440	400	1.0	80C	100u	800m	5.0m	100u	125	1.4	1.0	200n	1.0		100	15	XC☑		TO5
88	RTF0140	400	1.0	80C	200u	1.0	5.0m	100u	100	1.5	1.0	200n	1.0		100	15	XA☑		TO5
89	RTF0340	400	1.0	80C	200u	1.0	10m	500u	125	1.5	1.0	200n	1.0		100	15	XC☑		TO5
90	RTF0240	400	1.0	80C	1.0m	1.0	10m	1.0m	125	2.5	1.0	200n	1.0		100	15	XA☑		TO5
91	SCR14A	400 ☑	1.1	25C	15m	2.0	20m	900u△	125C	1.2 △	1.0	1.0u§	30	20u§		60 §	XC§		AX5
92	SCRF14A	400 ☑	1.1	25C	15m	2.0	50m	.90m△	125C	1.2 △	1.0	2.0u§	1.0	6.0u§		60 §	XC§		AX5
93	FT2014	400 △	1.3	80C	.20m	1.0	5.0m§	.10m	125C	2.0 †	1.0					15 *§	XF§		TO5
94#	T0.8/400	400	1.4 Ø	20	10m	3.0	20m			1.0	6.0				25	15	XC		C41
95#	GC04001	400	1.4	25A	25m	3.0	50mØ	1.0m		2.0	1.0					3.0	XA☑		TO5
96	HCR400P	400	1.4	80	10m		25m			2.0	1.4						XF§		TO5
97#	1B15CL40	400	1.5	25	50m	50	70m	5.0u	25	2.5	4.0					30	XA		M315
98	TI118	400	1.5	80C§	50m	250m§	50m	1.0m	125C	2.0	1.0					15 §	XF§		TO5
99	ID606	400	1.6	70C	200u	800m	3.0m	100u	110	2.5	4.0	1.0u	1.0	40u	20 Ø	15	XB*		TO39
100	NCM9A	400	1.6	80C§	10m	3.0		1.0m	125C	2.0 §	1.0			12u☑		15 §	XA*		TO5
101#	SF1G11	400	1.6	89C	1.0m	800m	10m	100m	125C	3.4	10					17	XC§		
102	SCRFL40	400 ☑	1.7	80C	15m	2.0	50m	.90m	125C	1.2 △	1.0	2.0u§	1.0	12u§		60 §	XC§		AX5
103	SCRL40	400 ☑	1.7	80C	15m	2.0	20m	.90m△	125C	1.2 △	1.0	1.3u§	1.0	15u§		60 §	XC§		AX5
104#	CR2AM8	400 Ø	2.0 §	60C	1.0m	1.0		100u	110J	1.8	4.0					20	4B§	AC	MU26a
105	40508	400	2.2	25A	15m	2.0	20m	2.0m	100C	2.5	30	1.5u	4.5	50u	20 §	80	XA☑	ADØ	RD32c
106#	BRY31	400 Ø	2.2	85C	15m	1.2	25m	.20m†	25	1.5 †	1.0					15 §	XF§		TO5
107#	TM4004	400	2.5	25A	25m	3.0	30mØ	3.0m	110J	2.0	8.0	2.0u§	1.0	60u§	50 Ø§	50		AF	SC22d
108	UCR40L	400 △	2.5	25A	50m		50m			1.2	3.0	450n	30	15u	250	60	XC§		AX7
109	NCR402B	400	3.0	80B§	50m	3.0		1.0m	125C	2.0 §	1.0					25 §	XA*	AF	SC3
110#	2SF664	400	3.0	85B	28m	2.1	6.0mØ	2.0m	100J	1.4	10					50	XA§		

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	2SF668	400	3.0	85B	28m	2.1	6.0mØ	2.0m	100J	1.4	10					50	XA§	AD	
2#	CR3E8	400 Ø	3.0	95C	20m	2.0		1.5m	125J	1.2 †	3.0					50	XC§		C115
3	SE9238	400 △	3.2	25C	1.0m	.80	10m	2.0m△	125C	2.4	5.0	1.0u	5.0	13u	200	25 *§	XC☑		TO39
4	SE9208	400 △	3.2	25C	25m	1.2	75m	2.0m†△	125C	2.4	5.0	.80u	5.0	15u	200	25 *§	XC☑		TO39
5#	BStC0226	400	3.5	72B	40m	2.0	100m	2.0m	125J	1.7	11				50 §	70	XC§		MU23
6	TIC31	400	4.0	25C	25m	3.5	25m	1.0m	75C	1.3	4.0					125	XA☑		M368
7#	1B40CL40	400	4.0	25	50m	50	70m	5.0u	25	2.5	10					80	XA		M315
8	TI140A4	400 †	4.0	60C	25m	3.5	25m	1.0m	105C	2.0	3.0					60 *	XA☑		A85
9	TC106D1	400	4.0 △	75C	200u	800m	3.0m	10u	25	2.2	4.0 †	1.0u	1.0	100u	100	20	XF%		RD45
10	SCR34A	400 ☑	4.0	80C	15m	2.0	50m	1.0m△	125C	2.0 △	3.0	2.0u§	1.0	6.0u		60 §	XC§	AF	SC6
11	SCRF34A	400 ☑	4.0	80C	15m	2.0	25m	1.0m△	125C	2.0 △	3.0	1.0u☑	60			60 §	XC§	AF	SC6
12#	CS3-04go1	400	4.0	85C	10m	2.0	20m	1.0m	125	1.6	10			60u	200	41	XC§		M667
13#	TM4007S	400	4.5	25A	40m	3.0	50mØ	3.0m	110J	2.5	15	2.0u		15u	100 §	80		AF	SC22d
14#	T3N400	400	4.5	85C	20m	3.0	25m	1.0m	125J	1.5	10	5.0u☑	3.0	25u		55	XC§		M350
15	X88E	400	4.7	50B§	20m		25m	1.0m†	25	2.0	3.0					30	XC	AF	SC6
16#	BTY81	400	4.7	60B	25m§	2.0	15m§	8.0mØ	125J	2.3	20	5.0u§	10	15u§		60	XC§		DO4
17	207H	400 ☑	4.7	65C	50m	5.0	20m			1.6	10						XA		S114a
18	TI138	400	4.7	80C§	50m	250m§	50m	1.0m	125C	2.0	3.0					25 §	XF☑	AF	SC6
19	3RC40	400 ☑	4.7 △	92C	15m	2.0	5.0mØ	1.0m	105C	2.0	9.4 †					30 △	6A§	AF	TO64
20	206H	400 ☑	4.7	105	30m	2.0	50m	2.0m	105	1.6	2.0	4.0u§	2.0	8.0u	50 §	30	XA		
21	TCR4003	400	5.0	25C															
22#	T4.5/400	400	5.0	50	20m	3.0	25mØ			1.2	15				25	40	XC		M350
23#	2SF268	400	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0					90	XA§	AF	SC22b
24#	2SF268A	400	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0		5.0	15u	100 △	90	XA§	AF	SC22b
25#	TSi5/400	400	5.0	75C	35m	3.0	25m	.50m	25	2.5	15	2.0u	5.0	20u	20	75	X4*	AF	SC26
26#	BStC0126	400	5.0	80C	40m	2.0	100m	2.0m	125J	1.8	15				50 §	70	XC§	AF	SC74
27	TIC14	400	5.0 △	80C	300m	2.5	360m	1.0m	100C	2.3	5.0	1.5u		6.0u		30 *	XA☑		TO3
28#	CS5-400	400	5.0	85C	30m	3.0	50mØ			1.2	15		.20	60u§	200	110 §	XC§		
29	CM110	400	5.0	100C	.20m	.80	3.0m	.50m†	150C	3.0	5.0	.50u	1.0	50u	150 Ø	20	XF*		TO59
30#	CR5-402B	400 †	5.0	125C	80m	3.0	150m	5.0m	125C	3.0	5.0	2.0u	5.0	12u	20		XC☑	AF	TO48
31#	TM4010	400	6.0	25A	40m	3.0	40mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	SC22d
32#	TRA4	400	6.0	25A	40m	3.0	50mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	RD17f
33#	TRA4D	400	6.0	25A	40m	3.0	50mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	SC18
34#	BTY39	400	6.0	60B	15m	2.0	2.0m§	2.0m	150J	1.6	10 §	2.0u	10	24u		55	XF*	AF	SC3
35#	BTZ19	400	6.0	60B	15m	2.0	4.0m§	2.0m	125J	1.6	10 §	2.0u	10	31u		55	XC*	AF	SC3
36#	TP4004	400	6.0	100C	40m	3.0	100m	3.0m		1.2	4.0	2.0u	4.0	30u	100 Ø	80	XC☑	AD	S18a
37	GCS40	400	6.3	80C	25m	1.5	50m	1.0m	100	1.8	20	1.5u	6.0	4.0u	200 Ø	60 §	XB*	AF	SC59
38#	BTY79-400	400	6.4		25m	2.5	10mØ	5.0m	125	2.3	20	3.0u	10	15u	20	50	XC§		
39#	BTY34/400	400	6.4	110B	30m	3.0	10mØ	5.0m	150	2.3	20	3.0u	10	20u		50 *	XF		
40#	2SF1118	400	6.5	25	28m	2.0	6.0	2.0	125J	1.4	10		3.0	20	50	50	XC§		RD3a
41#	T6.5N400	400	6.5	85C	15m	3.0										120	XA§		
42#	GCO4005	400	7.0	25A	100m	3.0	100mØ	1.5m		2.0	5.0					35	XA§	AF	TO48
43	SCR54A	400 ☑	7.0	60C	20m	2.0	25m	1.0m△	125C	1.9 △	15	1.0u§	100	20u§		100 §	XC§	AF	SC17
44	SCRF54A	400 ☑	7.0	60C	20m	2.0	50m	1.0m△	125C	1.9 △	15	2.0u§	10	6.0u§		100 §	XC§	AF	SC17
45	SCRF540	400 ☑	7.0	60C	25m	2.0	50m	1.0m	125C	1.9 △	15	2.0u§	10	12u§		100 §	XC§	AF	SC17
46	TI3014	400	7.0	60C	25m	3.0	30m	1.0m	125	1.8	5.0						XC☑	AB	RD20
47	TI40A4	400 †	7.0	70C	25m	3.5	25m	1.0m	105C	2.0	5.0					100 △	XA*	AF	TO64
48#	BTX31-400R	400	7.0	75C	15m	3.0	15m	5.0m	125J	1.8	7.0					100	XC		S276
49	SCRJ40	400 ☑	7.0	75C	25m	2.5	50m	2.0m△	105C	2.0 △	15	3.0u§	5.0	30u§		600 §	XA☑	AF	SC17
50#	TAG7-400R	400	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0					100	XA		S276
51#	TAG7S400R	400	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0			12u§		100	XA		S276
52#	BTX31S400R	400	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0			12u§		100	XC		S276
53#	BTX71-400R	400	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	20u	200	100	XC		S276
54#	BTX71S400R	400	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	12u§	200	100	XC		S276
55#	SS1040	400 ☑	7.2	40A	50m	3.0	25m	2.0mØ	100J	1.5 △	10	2.5u	10	10u			XA§		S118
56#	CS4-350	400	7.4			3.0	30	3.5m	100J	1.5	4.0					80	XA§	AF	S131a
57	5RC40	400 ☑	7.4 △	60C	15m	2.0	5.0mØ	1.0m	105C	1.9	15 †	2.5u	60		20	60 △	6A§	AF	TO64
58#	SF5G11	400	8.0	24	20m	2.0		2.0m	125J	2.0	20					60	XC§	AF	SC22a
59	MCR1305R6	400	8.0	63C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		S190a
60#	BTX55	400 Ø	8.0	65C	.20m	1.0	2.5m	.20m△	150	2.4	10	3.0u☑	5.0	22u☑		60 *	XF§		TO3
61	MCR1304R6	400	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		C64a
62	MCR1305-6	400	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	100	XA§		S190
63	MCR1604R6	400	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		C65a
64	MCR1605R6	400	8.0	67C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	80	XA§		M225a
65	MCR1304-6	400	8.0	70C	20m	1.5	25m	2.0m	100J	1.3	5.0	1.0u	5.0	12u	50	100	XA§		C64
66	HCR5-400	400	8.0	80§	25m	3.0	50m	500u	80	2.0	5.0					60	X8		S114
67	NCR402D	400	8.0	80B§	25m	3.0											XA*		S222
68	2N4319	400	8.0	85	15m	1.2	25m	2.0m†	150	2.0	8.0				200	60 §*	XF*		RD3b
69#	BTX60	400 Ø	8.0	85C	15m	1.2	25m	2.0m△	25	2.2 †	8.0					60	XF§		TO3
70#	CS8-400	400	8.0	85C	30m	3.0	50mØ			1.3	24		.20	60u§	200	170 §	XC§		
71#	2SF328A	400	8.0	108	20m	2.0		2.0m	150J	2.0	20					60	XF§	AF	SC22a
72	SE9233	400 △	8.5	55C	1.0m	.80	10m	2.0m△	125C	2.2	10	1.0u	5.0	13u	200	60 *§	XC☑		RD3b
73	SE9203	400 △	8.5	55C	25m	1.2	75m	2.0m†△	125C	2.2	10	.80u	5.0	15u	200	60 *§	XC☑		RD3b
74#	BTX64-400R	400	8.5	85B	65m	3.5	10mØ§	8.0m	125J	3.0	50	400n	10	10u	85	140 *	XC§	AF	TO48
75#	BTX75-400R	400	8.5	110B	65m	3.5	10m§Ø	8.0m	150J	3.0	50	3.0u	10	25u		140	XF§	AF	TO48
76#	TP4006	400	9.0	100C	40m	3.0	100m	3.0m		1.2	6.0	2.0u	6.0	30u	100 §Ø	100	XC☑	AD	S18a
77#	BTY47	400	9.6	60B	80m	3.5	20m§	7.5m	125J	2.0	10 §	1.7u	1.0	7.0u		115	XC*	AD	SC4
78#	CR10H	400 ☑	10	20A	70m	3.5	8.0m§	8.0m△	100J	1.3 Ø	10			20u		100	XA*		S176
79	NCR400D	400	10	25C§				5.0m	25C	1.2	10							AD	SC4
80#	BTY87	400	10	25A	25m§	3.5	20m§	4.0mØ	100J	1.2	16	4.5u§	50	20u§		120	XA*	AF	SC12
81#	TRA14	400	10	25A	80m	3.0	50mØ	3.0m	110J	2.0	30	2.0u§	10	50u§	50 Ø§	125		AF	RD17f
82#	TRA14D	400	10	25A	80m	3.0	50mØ	3.0m	110J	2.0	30	2.0u§	10	50u§	50 Ø§	125		AF	SC18
83#	CR10B8	400	10	59C	30m	2.5		3.0m	100J	1.6	30					150 △	XA§	AF	SC69
84#	2SF278	400	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10					90	XA§	AF	SC22b
85#	2SF278A	400	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10		10	15m☑	100 △	90	XA§	AF	SC22b
86#	BTX32-400R	400	10	65C	30m	3.0	30m	5.0m	125J	1.8	10					120	XC		S276
87#	BTX32S400R	400	10	65C	30m	3.0	30m	5.0m	125J	1.8	10			12u§		120	XC		S276
88#	BTX72-400R	400	10	65C	30m	3.0	30m	13m	125J	1.8	10	1.4u	5.0	20u	200	120	XC		S276
89#	BTX72S400R	400	10	65C	30m	3.0	30m	13m	125J	1.8	10	1.4u	5.0	12u§	200	120	XC		S276
90#	TAG10-400R	400	10	65C	30m	3.0	30m	5.0m	105J	1.8	10					120	XA		S276
91#	TAG10S400R	400	10	65C	30m	3.0	30m	5.0m	105J	1.8	10			12u§		120	XA		S276
92	RTV0140	400	10	65C	50m	3.0	200m	2.0m	100	2.5	30	.20u	10		100	100	XA☑	AF	SC18
93	RTV0440	400	10	65C	50m	3.0	200m	2.0m	125	2.5	30	.20u	10		100	100	XC☑	AF	SC18
94#	CR5-4029B	400	10	70C	80m	3.0	20mØ	10m	100C	2.0	16	2.0u	20	4.0u☑	20	90	XC		
95#	CR6-503RB	400	10	70C	80m	3.0	28mØ	5.0m†	100C	2.0	16	2.5u	20	80u	20	100	XC	AF	
96#	CR6-503RBA	400	10	70C	80m	3.0	28mØ	5.0m†	100C	2.0	16	2.3u	20	80u	200	100	XC	AF	
97#	CR10-402B	400 †	10	125C	80m	3.0	150m	5.0m	125C	2.0	10	2.0u	10	30u	20		XC§	AF	TO48
98#	2SF714	400	11	50B	40m	3.0		4.5m	100J	2.8	50				100	125	XA§	AD	SC4b
99#	CS22N	400	11.7	80B	50m	2.5	25m	10	100J	2.2 △	30	2.0u		20u	20	125	XA§		S159
100	UCR40	400 △	12	55C	50m		50m			1.2	3.0	450n	30	15u	250	60	XC§		SC55
101#	2SF288	400	12	61C	50m	3.5	15mØ	3.0mØ	100	1.4	12					150	XA§	AF	SC15a
102#	2SF288A	400	12	61C	50m	3.5	10mØ	3.0mØ	100	1.4	12		12	15u☑	100 △	150	XA	AF	SC15a
103#	BTX65-400R	400	12	85B	65m	3.5	10mØ§	8.0m	125J	2.0	50	400n	10	10u	85	200	XC§	AF	TO48
104#	CR10-4029B	400	12	85C	80m	3.0	20mØ	10m	125C	2.0	5.0	2.6u	32	4.0u☑	20	120	XC		
105#	BTX76-400R	400	12	110B	40m	3.0	10m§Ø	8.0m	150J	2.0	50	3.0u	10	25u		200	XF§	AF	TO48
106#	T14/400	400	14	20	50m	3.0	8.0mØ			2.0	50				10	150	XC		M351
107#	SS2040	400 ☑	14.5	40A	60m	3.0	50m	4.0mØ	100J	1.2 △	20	2.5u	20	10u			XA§		S119
108#	CR12-503RB	400	14.5	75C	60m	3.0	28mØ	5.0m†	125C	2.0	32	2.3u	20	85u	20	160	XC		
109#	CR12-503RBA	400	14.5	75C	60m	3.0	28mØ	5.0m†	125C	2.0	32	2.3u	20	85u	200	160	XC		
110#	2SF77	400	15	25C	50m	3.0	20mØ	4.0m	100	1.2	7.0					100	XC	AF	SC11

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	204H	400 ☑	15	105J	50m	2.0	50m	2.0m	105	1.6	15	6.0u§	15	10u	35 §	125	XA	AF	S121a
2#	SIT14-400	400	15.5	90B	50m	3.0	8.0mØ			2.0	30	2.6u	10	20u	10	200	XC§	AF	M329
3#	CR16H	400 ☑	16	20A	70m	3.0	8.0m§	8.0mΔ	100J	1.0 Ø	16			20u		100	XA*		S176
4#	BTY91	400	16	25A	25m§	3.0	10m§	4.0mØ	125J	.86	16	4.5u§	50	20u§		140	XC*	AF	SC12
5#	TR4015S	400	16	25A	80m	3.0	100mØ	5.0m	125J	2.5	50	2.0u§	10	20u§	200 §	250		AF	SC62
6#	TRA24	400	16	25A	80m	3.0	50mØ	3.0m	110J	2.0	50	2.0u§	10	50u§	50 Ø§	250		AF	RD17f
7#	TRA24D	400	16	25A	80m	3.0	50mØ	3.0m	110J	2.0	50	2.0u§	10	50u§	50 Ø§	250		AF	SC18
8#	SF10G11	400	16	26	80m	3.5		8.0m	100C	3.0	50					113	XA§	AD	SC4
9	NCF400E	400	16	57B§	80m	3.5		22mØ	100J	1.3 Ø	10			12 ☑		125	XA§	AF	TO48
10#	BTZ21	400	16	60B	40m	3.0	10m§	8.0m	125J	1.5	10 §	1.6u	1.0	6.6u		140	XC*	AD	SC4
11#	BTW30-400	400	16	65B§			200m	13m	125J	5.0	50 †	2.0u	50	12u	200	150 *	XC§	AF	TO48
12	RTV0340	400	16	65C	25m	2.0	50m	1.0m	100	2.0	50	.20u	16		100	150	XA☑	AF	SC18
13	RTV0640	400	16	65C	25m	2.0	50m	1.0m	125	2.0	50	.20u	16		100	150	XC☑	AF	SC18
14	10RC40	400 ☑	16 Δ	65C	40m	3.0	10mØ	4.0mØ	105C	2.3 †	31					125 Δ	6A§	AF	TO48
15	RTV0240	400	16	65C	50m	3.0	200m	2.0m	100	2.5	50	.20u	16		100	150	XA☑	AF	SC18
16	RTV0540	400	16	65C	50m	3.0	200m	2.0m	125	2.5	50	.20u	16		100	150	XC☑	AF	SC18
17#	BTW32-400R	400	16	65	150m	2.5						2.0u		6.0u	200	150	XC§	AF	TO48
18	T400041006	400	16 Δ	75	80m	3.0	100m	4.0m	125J	2.3	30				100	150	XC§	AF	TO48
19#	CS16-400	400	16	85C	80m	3.0	50mØ			1.3	48		.20	60u§	200	350 §	XC§		
20	T408041006	400	16 Δ	87	80m	3.0	100m	8.0m	125J	1.5	10				25	125	XC§	AF	TO48
21#	CR16-402B	400 †	16	125C	40m	3.0	120m	5.0m	125C	2.0	16	2.0u	10	20u	20		XC☑	AF	TO48
22#	T14F400C	400	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		SC7b
23#	T14F400E	400	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		MU5
24#	T14N400	400	17	85C	50m	3.0	40m	10m	125J	2.5	50	1.5u☑	10	20u		200	XC§		M351
25	MCR808-6	400 ☑	18	57C	50m	1.5	8.0mØ	5.0m†Δ	100J	1.5 Δ	18 §	1.0u	18	12u§	30 Δ	225 Δ	XA§		M90☑
26	MCR1308-6	400 ☑	18	57C	50m	1.5	8.0mØ	5.0m†Δ	100J	1.5 Δ	18 §	1.0u	18	12 §	30 Δ	225 Δ	XA§		S192☑
27	TIX94	400	18	75C	40m	3.5	40m	1.0m	125	1.6	18				100		XC☑	AD	RD21
28#	2SF38	400	19	50B	40m	3.0		8.0m	100J	2.0	50					150	XA§	AF	SC15
29#	CS21N	400	19	70B	50m	2.5	25m	10	100J	2.2 Δ	50	2.0u		20u	20	200	XA§		S159
30#	T15N400C	400	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		SC7b
31#	T15N400E	400	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		MU8
32#	CS32N	400	19.5	75B	50m	2.5	25m	20	100J	1.8 Δ	50	2.0u		20u	20	360	XA§		S80
33#	BTX12/400R	400	20	25§	50m	3.0	40m§			3.5 §	175	4.0u§	10	10u§	20 §	250	XC§		S182
34#	TAG20-400R	400	20	45C	50m	3.0	50m	5.0m	105J	1.8	20					150	XA		S276
35#	TAG20S400R	400	20	45C	50m	3.0	50m	5.0m	105J	1.8	20			12u§		150	XA		S276
36#	2SF463	400	20	53C	50m	3.5	10mØ	10mØ	125	2.0	20		20	6.0u☑	50 Δ	300	XC§	AF	SC15a
37#	CR20A8	400	20	57C	50m	3.0		3.0m	100J	1.8	60					300 Δ	XB§	AF	SC15a
38#	2SF298	400	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20					300	XA§	AF	SC15a
39#	2SF298A	400	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20		20	15u☑	100 Δ	300	XA§	AF	SC15a
40	MCR2918-6	400 Δ	20 Δ	63C	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240 Δ	XA§	AF	SC18
41#	BTX33-400R	400	20	65C	50m	3.0	50m	5.0m	125J	1.8	20					150	XC		S276
42#	BTX33S400R	400	20	65C	50m	3.0	50m	5.0m	125J	1.8	20			12u§		150	XC		S276
43#	CR16-4029B	400	20	75C	60m	3.0	7.0mØ	10m	125C	2.0	50	2.5u	50	4.0u☑	20	160	XC		
44	MCR2818-6	400 Δ	20	100J	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240	XA§	AD	RD21
45	MCR2819-6	400 Δ	20	100J	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240	XA§	AF	SC18
46#	SIT18-400	400	20.5	90B	50m	3.0	8.0mØ			1.8	30	2.6u	10	15u	25	300	XC§	AF	M329
47#	T30/400	400	21	20	100m	3.0	20mØ			1.5	100				200	550	XC		M351
48	TCR402	400	22	25C	50m	3.0	25mØ§	3.0mØ	100C	820mØ	20 §	7.5u		12u		150	XC☑		SC25
49#	2SF724	400	22	64B	40m	3.0		4.5m	125J	2.0	50				100	150	XC§	AD	SC4b
50#	BTW31-400	400	22	65B§			200m	13m	125J	2.9	50 †	2.0u	50	20u	200	225 *	XC§	AF	TO48
51#	CS22-400	400	22	85C	100m	3.0	80mØ			2.1	70		.20	65u§	50	400 §	XC§		
52#	TR4015	400	22.5	70C	25m	3.0	200m	3.0m	125J	2.0	30	1.5u	5.0	40u	40 Ø	250	XC☑	AF	TO48
53#	CR18-503RB	400	23	70C	40m	3.0	28mØ	5.0m†	125C	2.1	57	2.3u	20	85u	20	180	XC		
54#	CR18-503RBA	400	23	70C	40m	3.0	28mØ	5.0m†	125C	2.1	57	2.3u	20	85u	200	180	XC		
55#	T18F400	400	23	85C	50m	3.0	40m	10m	125J	2.3	60	1.5u☑	15	6.0u☑		300	XC§		M353
56#	T18F400C	400	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		SC7b
57#	T18F400E	400	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		MU9
58#	BTZ13	400	24	125J	50m	3.0	30m	5.0mΔ	125J	2.1	50	3.0u	15	20u	25	350	XC§		S34
59	T400041606	400	25 Δ	45	80m	3.0	100m	4.0m	125J	2.3	50				100	250	XC§	AF	TO48
60#	2SF245	400 ☑	25	55B	40m	2.0	10mØ	4.0mØ	125J	2.2 Δ	16	3.0u	10	15u§	20 §	150 *	XC%	AF	TO48
61#	SF16G11	400	25	57	40m	3.0		8.0m	125C	1.9	50					135	XC§	AD	SC4
62#	SH16G11	400	25	60C	50m	3.0	70m	6.0m	125J	1.9	50	6.0u	32	10u	100 Δ	135	XC§	AF	SC72
63	TI3041	400	25 Δ	60C	100m	4.0	130mØ	3.0m	125C	2.5	25	2.5u	25	2.9u	200	200	XC☑	AF	TO48
64#	T18/400	400	28	20	50m	3.0	8.0m			1.8	65				25	200	XC§		M353
65#	T22N400	400	28	85C	100m	3.0	80m	10m	125J	1.9	60	2.5u☑	20	80u		400	XC§		M353
66#	T22N400C	400	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		SC7b
67#	T22N400E	400	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		MU9
68#	BTX13-400R	400	30	25§	50m	3.0	40m§			3.5 §	250	4.0u§	10	6.0u§	20 §	300	XC§	AF	SC34
69#	CR30-04	400	30	90C	60m	3.0		3.0m	125C	1.6 †	90					350 §	4C§	AF	SC61
70#	CS31N	400	32	70B	50m	2.5	25m	20m	100J	1.8 Δ	80	2.0u		20u	20	580	XA§		S80
71#	BTX66-400R	400	32	85B	80m	3.0	10mØ§	8.0m	125J	3.3	500	500n	50	15u	27	680 *	XC§	BX	TO94
72#	SIT30-400	400	34	90B	100m	3.0	20mØ			1.4	50	6.0u	25	20u	25	800	XC§	AF	M329
73	T400042206	400	35 Δ	18	80m	3.0	100m	4.0m	125J	2.3	70				100	360	XC§	AF	TO48
74	SCR164A	400 ☑	35	25C	25m	2.0	50m	4.0mΔ	125C	2.0	50	1.0u§	200	20u§		200 §	XC§	AF	TO48
75	SCRF164A	400 ☑	35	25C	25m	2.0	100m	4.0mΔ	125C	2.0	50	20u§	10	6.0u§		200 §	XC§	AF	TO48
76	ZJ244D	400	35	25C	40m	1.7	50m	8.0m	150J	2.1	50	1.5u	10	24u	30	150	XF☑	AF	TO48
77	SCRF1640	400 ☑	35	25C	40m	3.0	100m	4.0mΔ	125C	2.0	50	2.0u§	10	12u§		200 §	XC§	AF	TO48
78	TSC40D	400	35	25	80m§	3.0 §		4.0mØ	125C	2.2 §	16			12u		150	XC☑	AF	TO48
79	ZJ253D	400	35	25C	180m	3.0	150m	6.0m	125C	2.5	100	1.5u	20	15u	200 §	200	XC	AF	TO48
80	ZJ255D	400	35	25C	180m	3.0	150m	6.0m	125C	2.5	100	1.5u	20	10u	200 §	200	XC	AF	TO48
81	T408042206	400	35 Δ	40	80m	3.0	100m	8.0m	125J	2.0	50				25	150	XC§	AF	TO48
82	NL571D	400	35	62C	40	2.5	.10	5.0m	125J	1.5	50	1.4u	5.0	30u	200	600	XB§	AF	TO48
83#	35T5	400	35	80B	150m	.25	150m	10m†		2.2 †	110					630	XCØ	AF	S63b
84	TI154	400	35	90B	50m	3.0		10m	125B	1.6	32				25	250	XCØ	AF	S63
85	MCR2835-6	400 Δ	35	100J	40m	1.5	50m	5.0m	100J	1.5	35	1.0u	35	15u	50 Ø§	325	XA§	AD	RD21
86	MCR2935-6	400 Δ	35	100J	40m	1.5	50m	5.0m	100J	1.5	35	1.0u	35	15u	50 Ø§	325	XA§	AF	SC18
87#	CR30-404A	400	36	25	60m	3.0	66m			1.4	30		30	20u		500	XC	AF	TO49
88#	CR24-503RB	400	40	80C	40m	3.0	28mØ	5.0m†	125C	1.4	50	2.3u	20	85u	20	320	XC		
89#	CR24-503RBA	400	40	80C	40m	3.0	28mØ	5.0m†	125C	1.4	50	2.3u	20	85u	200	320	XC		
90#	T30F400	400	40	85C	100m	3.0	80m	10m	125J	1.8	100	2.0u☑	25	10u☑		800	XC§		M351
91#	T30F400C	400	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u☑	25	25u§	50 §	800 §	XC§		SC7b
92#	T30F400E	400	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u☑	25	25u§	50 §	800 §	XC§		MU8
93#	SKT45/04F	400	45	85	.10	3.0	.13			1.6	135	10u	135	20u	50	700	X8		
94	NLE45D	400	45	89C	70	2.5	.10	4.0m	125J	3.0	500	5.0u	50	30u	200	1.2k	XC§	AF	TO83
95	NLE46D	400	45	89C	70	2.5	.10	4.0m	125J	3.0	500	5.0u	50	30u	200	1.2k	XC§	BX	TO94
96#	SKT46/04	400	45	105	.10	3.0	.13			1.6	135	10u	135	50u	50	700	XA		
97#	CR50-04	400	50	80C	80m	3.0		10m	125C	1.6 †	150					950 §	4C§	BX	SC42d
98#	T50/400	400	51	20	100m	3.0	20mØ			1.5	100				200	550	XC		M349a
99	C146D	400	55 Δ		100m	3.0								40u☑			XC*		SC41
100#	33T5	400	55	72B	200m	3.0	150m	10m	100J	2.2	110					520	XCØ		S266a
101	NL548D	400	55 Δ	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	15u§	200 §	1.2kΔ	XC§	AF	TO83
102	NL549D	400	55 Δ	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	20u§	200 §	1.2kΔ	XC§	AF	TO83
103	NL551D	400	55 Δ	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	15u§	200 §	1.2kΔ	XC§	BX	TO94
104	NL552D	400	55 Δ	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	20u§	200 §	1.2kΔ	XC§	BX	TO94
105#	BTX44-400R	400	55 Δ	110J	100m	3.0	100m§	10m	110J	800m§	110	4.0u§	35	100	100 Ø§	900 *	XB§	AF	S189a
106	213H	400 ☑	55	125J	110m	4.0	10mØ	10m	125	1.7	35	1.5u§	50	15u§	100 §	500		AF	SC3a
107#	SIT50-400	400	60	90B	100m	3.0	20mØ			1.5	60	6.5u	50	25u	25	800	XC§	BX	M330
108#	BTX67-400	400	62	85B	80m	3.0	10mØ	8.0m	125	2.5	500	500n	50	15u		900 *	XC		
109#	BTX67-400R	400	62	85B	80m	3.0	10mØ§	8.0m	125J	2.5	500	500n	50	15u	27	900	XC§	BX	TO94
110#	T50F400	400	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.0u☑	25	30u§	50 §	800 §	XC§	BX	M330b%

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	T50N400	400	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.5u☑	25	80u§	20 §	800 §	XC§	BX	M330b%
2#	CR50-404A	400	64	25	100m	3.0	73m					5.5u	50	20u		600	XC	AF	TO49
3#	2SF378	400	70	66C	150m	2.5	15mØ	10mØ	100	1.3						1.5k	XA§	AF	S189b
4#	CR70B8	400	70	74C	70m	3.0		6.0m	125J	1.7	220				10 △	1.5k△	XC§	AF	SC34b
5#	SKT70/04F	400	70	85	.15	3.0	.15			1.6	210	10u	210	25u	50	1.5k	X8		
6#	SKT71/04	400	70	105	.15	3.0	.15			1.6	210	10u	210	70u	50	1.5k	XA		
7#	BTY95	400	78	60B	75m	3.0	20m	4.0m	125J	1.3	50	3.0u		20u			XC§	AF	SC30
8#	BTX22	400 Ø	78	70C	100m	300m	100m	20m	70C	2.0	150					500 §	X9	AF	TO49
9#	BTX29-400R	400	78 △	110J	100m	3.0	100m§	10m	110J	1.7 §	150	5.0u§	50	100u	100 Ø§	1.1k*	XB§	AF	S189a
10#	2SF54	400	79	25	150m	3.5		16m	100C	2.8	250					600	XA§		S136
11	TCR4050	400	80	70C	50m	3.0	25mØ	4.0mØ	100C	750mØ	50 §	4.5u		18u		1.0k	XC☑	AF	SC24
12#	T70F400EEB	400	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	20u☑	50	2.4k§	XC§		MU6
13#	T70F400EEC	400	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	20u☑	400	2.4k§	XC§		MU6
14#	T70F400EFB	400	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	25u☑	50	2.4k§	XC§		MU6
15#	T70F400EFC	400	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	25u☑	400	2.4k§	XC§		MU6
16#	T70F400EGB	400	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	30u☑	50	2.4k§	XC§		MU6
17#	T70F400EGC	400	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	30u☑	400	2.4k§	XC§		MU6
18	CS41N	400	85	70B	100m	2.5	60m	20m	100J	2.2 △	220	2.0u		20u	20	1.0k	XA§		M129
19#	SKT90/04F	400	90	85	150m	3.0	150m			1.4	270	10u	270	25u	50	2.0k	X8		
20#	SKT91/04	400	90	105	150m	3.0	150m			1.4	270	10u	270	70u	50	2.0k	XA		
21#	BTY23	400	90	125J	80m	3.0	100m	10m△	125J	2.0	200	8.0u	50	20u	25	1.8k	XC§		M52
22#	140T4	400	93	125J$	100m	2.0	20m	20m	125C	1.6	500	10u	200	45u		1.2k*	XC§		S226
23#	TS4060	400	95	100B$	100m	3.0		5.0m	100	1.2	60					1.0k	XCØ		
24#	2SF308	400	100	60C	150m	2.5	15mØ	10mØ	100	1.3	200					2.0k	XA§	AF	S189b
25#	CR100-04	400	100	90C	100m	3.0		10m	125C	1.8 †	350					1.2k§	4C§	BX	SC42c
26#	SIT95-400	400	103	90B	200m	3.0	25mØ			1.6	200	8.0u	50	30u	25	1.8k	XC§	BX	M331
27#	10TC40B	400	110	30C	60m	3.0	20			1.5	110	3.0u	110	25u	20	1.1k	XA§	BX	SC32
28	TIC01	400	110	55C	125m	3.0		15m	125C	2.3	110				200	1.0k	XC☑	AF	TO49
29#	2SF358	400 ☑	110	60B	70m	2.5	10mØ	4.0mØ	125J	1.9 △	70	4.5u	50	20u§	20 §	1.0k*	XC%	BX	SC10
30#	70RC40	400	110	60B	70m	2.5	10mØ	4.0m	125B	1.8	70	4.5u	50	20u		1.0k	XCØ	BX	SC10
31	70RCF40A	400 ☑	110	60B	70m	2.5		4.0mØ	125J	1.8 △	220		50	20u§		1.0k	XC§	AF	TO49
32#	BTY70	400	110	60B	70m	3.0	20m§	8.0m	125J	1.1	100 §	2.0u	50			1.0k	XC*	AF	SC3a
33#	BTY99	400	110	60B	70m	3.0	20m	4.0m	125J	1.4	70	3.0u		20u			XC§	AF	SC30
34	USN2N1916W	400	110	60B	70m	3.0 §	40m	15m	125A	1.4	50	15u		40u		1.0k	XCØ	AF	TO49
35	156D	400	110	60C	500m	40	500m					5.0u§	50	7.0u	200	1.0k	XC	AF	SC8
36	157D	400	110	60C	500m	40	500m					5.0u§	50	12u	100	1.0k	XC	AF	SC8
37	NLE155D	400	110	83C	.15	2.5	.50	8.0m	125J	3.0	500	5.0u	50	20u	200	1.4k	XC§	BX	TO94
38	NLE157D	400	110	83C	.15	2.5	.50	8.0m	125J	3.0	500	5.0u	50	20u	200	1.4k	XC§	AF	TO83
39#	SKT110/04F	400	110	85	.20	3.0	.20			1.4	330	10u	330	30u	50	2.5k	X8		
40	NL2N2030	400	110	87C	75m	3.0	100m	15m	150J	2.5	500	5.0u	50	50u	200	1.0k	XF§	AF	TO49
41	NLE150D	400	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	TO94
42	NLE152D	400	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	TO83
43	NLH150D	400	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	TO94
44	NLH152D	400	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	TO83
45#	SKT111/04	400	110	105	.20	3.0	.20			1.4	330	10u	330	80u	50	2.5k	XA		
46#	BTX45-400R	400	110 △	110J	100	3.0	100m§	10m	110J	1.7 §	220	6.0u§	70	100u	100 Ø§	1.2k*	XB§	AF	S189a
47	212H#1	400 ☑	110	125J	90m	3.0	10mØ	10m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	SC16
48	212H#2	400 ☑	110	125J	90m	3.0	10mØ	10m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	TO49
49#	T95F400	400	115	85C	100m	3.0	300m	30m	125J	1.8	300	2.5u☑	50	30u§	50 §	2.0k§	XC§	BX	MU6
50#	T100F400EEB	400	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	20u☑	50	3.2k§	XC§		MU6
51#	T100F400EEC	400	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	20u☑	400	3.2k§	XC§		MU6
52#	T100F400EFB	400	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	50	3.2k§	XC§		MU6
53#	T100F400EFC	400	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
54#	T100F400EGB	400	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	50	3.2k§	XC§		MU6
55#	T100F400EGC	400	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
56#	240T4	400	115	125J$	100m	2.0	20m	20m	125C	1.6	500	10u	200	45u		1.5k*	XC§		S226
57#	T180/400	400	120	20	400m	3.0	40m			1.2	500				200	3.5k	XC		M352a
58#	2SF47	400	126	53	100m	2.0		16m	125C	1.8	250					900	XC§		S136
59#	SKT140/04F	400	140	85C	200m	3.0	200m			1.5	250			30u§	50	3.5k	XF*	BK	S260b
60#	T125N400	400	140	85C	250m	3.0	300m	50m	125J	1.8	500	3.0u☑	100	100u§	20 §	3.0k§	XC§	BX	M330c%
61#	SKT141/04	400	140	105C	200m	3.0	200m			1.5	250			80u	50	3.5k	XD*	BK	S260b
62#	T95/400	400	150	20	80m	3.0	25m			1.5	300				200	1.2k	XC		M352b
63#	TT4	400	150	60C	500m	3.0	300m	25m	100J	2.2	350	5.0u	15		20 §Ø	2.0k	XA☑	BX	SC36
64#	340T4	400	160	125J$	100m	2.0	20m	20m	125C	1.6	500	10u	200	45u		2.0k*	XC§		S226
65#	CR608SA0505	400	165	85C	150m	3.5	50mØ	30m	125J	1.6	450			125u§	300u	3.0k	XC§	BK	RD48a
66#	SKT170/04F	400	170	85	.25	3.0	.20			1.2	510	10u	510	45u	50	6.0k	X8		
67#	SKT171/04	400	170	105	.25	3.0	.20			1.2	510	10u	510	100u	50	6.0k	XA		
68#	CR150B8	400	175	75C	300m	3.0		15mØ	125J	1.8 †	500 §					4.0k△	XC§	BX	SC42
69	228H	400	175	125J	300m	3.0		15m	125J	1.4	100	5.0u	100	40u	100	3.3k*	XC§	BC	MU15
70#	T160N400	400	185	85C	250m	3.0	300m	50m	125J	1.8	500	6.0u☑	100	100u§	50 §	4.0k§	XC§	BX	M330d%
71	218H	400	200	80C	300m	4.0		15m	125J	1.3	100			40u	100	3.3k*	XC§	BX	TO93
72#	V2051H	400	200	90	125m	5.0		20m	125J	1.8	1.0k		200	25	100	4.0k	XC§		M404b
73#	BTY13	400	200	125J	200m	3.0	200m	20m△	125J	2.0	600	15u	100	40u	25	3.5k	XC§		
74#	T170F400	400	210	85C	250m	3.0	300m	50m	125J	1.6	500	3.0u☑	100	30u§	50 §	4.0k§	XC§	BX	M330c%
75#	T170N400	400	210	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	100u		4.0k	XC§		M352a
76#	SKT220/04F	400	220	85	.25	3.0	.20			1.0	660	10u	660	45u	50	7.0k	X8		
77#	SKT221/04	400	220	105	.25	3.0	.20			1.0	660	10u	660	100u	50	7.0k	XA		
78	200H	400	230	85C	100m	2.5	15m	15m	125J	1.2	150					3.5k	XC§	BX	SC21
79#	CR150-401A	400	235	25	150m	3.5	55m					6.5u	150	100u		3.3k	XC		M201
80#	CR150-402B	400	235	25	150m	3.5	55m					6.5u	150	20u		3.3k	XC		M201
81#	2SF366	400 ☑	235	55B	100m	2.5	50mØ	8.0mØ	125J	1.7 △	150	5.0u	100	25u§	4 §	3.0k*	XC§		S86
82#	2SF338	400	235	64	100m	2.0		12m	125J	1.5	500					3.2k	XC§		S136a
83	6RW56HC	400	235	75B	100m	2.0	12mØ	7.5m	125J	650m§	150 Ø	4.5u		25u		3.0k			S71
84#	CR150-402A3	400	235	75C	150m	3.5	35mØ	15m	25C	1.4	450	6.5u	400	35u	20	3.3k	XC☑		M201
85#	CR150-402A4	400	235	75C	150m	3.5	35mØ	15m	25C	1.6	450	6.5u	400	35u	20		XC☑		M201
86#	CR150-402A5	400	235	75C	150m	3.5	35mØ	15m	25C	1.8	450	6.5u	400	35u	20		XC☑		M201
87#	CR150-402A6	400	235	75C	150m	3.5	35mØ	15m	25C	2.0	450	6.5u	400	35u	20		XC☑		M201
88#	440T4	400	235	125J$	100m	2.0	20m	20m	125C	1.6	500	10u	200	45u		3.0k*	XC§		S226
89#	CR250B8	400	250	21A	350m	4.0		15mØ	125J	1.8 †	780 §				10 △	5.0k	XC§	BX	M247a
90#	T20F400	400	250	55C	200m	2.5	50mØ	15m	25	1.5	450	5.0u		20u		3.5k	XC☑		M201
91	229H	400	250	125J	300m	3.0		15m	125J	1.3	100	5.0u	100	40u	100	5.0k*	XC§	BC	MU15
92#	TY180NP4K2	400	260	70B	200m	3.5	50m	28m	125J	1.6	600	10u☑	500	20u☑	20 §	3.6k	XC§		
93#	TY180QP4K2	400	260	70B	200m	3.5	50m	28m	125J	1.6	600	10u☑	500	30u☑	20 §	3.6k	XC§		
94#	T220N400	400	260	85C	250m	3.0	300m	50m	125J	1.5	500	5.0u☑	100	120u§	50 §	5.0k§	XC§	BX	M330d%
95#	T260F400	400	260	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	50u§	50 §	4.0k§	XC§	BX	M330c%
96#	CR300A8	400	300	10A	350m	4.0		15mØ	125J	1.8 †	780 §				100 △	5.0k△	XC§	BX	M247a
97#	CR300AW8	400	300	11A	350m	4.0	30mØ	15m	125J	1.9 §	780			50 §	100 §	5.0k	4C	BX§	SC56
98	2231H	400	300	125J	300m	4.0		15m	125J	1.3 §	100	4.0u	100	30u	100	4.5k*	XC§	BX	SC1
99	2232H	400	300	125J	300m	4.0		15m	125J	1.3 §	100	8.0u	100	40u	100	4.5k*	XC§	BX	SC1
100#	T300N400	400	350	85C	250m	3.0	200m	50m	125J	1.3	500	6.0u☑	200	120u		4.5k	XC§	AF	MU11
101#	T301N400	400	350	85C	250m	3.0	300m	50m	125J	1.3	500	6.5u☑	100	130u§	50 §	6.0k§	XC§	BX	M330d%
102	223H	400	370	25B	300m	4.0	25m§Ø	15m	125J	1.2 §	100			50u	50	5.0k*	XC§	BX	SC1
103#	250RC40	400	392		150m	2.0	40m	8.0m	125J	1.5	250	5.0u	100	100u	10	4.8k	XC§		
104	222H	400	400	25§	300m§	4.0 §	25m§	15m	125J	1.2 §	100					5.0k	XC§	BX	SC1
105#	BTX41-400R	400	400 △	110J	300m	2.5	150m	10m△	110J	1.5 §	600	20u☑	250	200u§	20 §	5.5k§	XB§	BX	SC39
106#	CR7K503A5	400	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
107#	CR7K503A45	400	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
108#	YST302QP4K3	400	450	70B	220m	3.5	100m	30m	125J	1.9	1.0k	4.0u☑	600	60u☑	200 §	7.4k	XC§	BB	MU68
109	C510D	400	450 △	125J	200m	5.0	500m	10m	25C	2.2 †	500		300	12u§	200 §	4.0k	XC§	BR	MU20
110#	CR7K503A4	400	460	65C	150m	3.5	55mØ	50m	125J	1.7	1.0k	3.5u	600	180u	100	6.4k	XC§	BX	M308b

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	300RC40	400	470		150m	2.0	40m	8.0m	125J	1.4	300	5.0u	100	100u	10	5.5k	XC§		
2#	2SF494	400	470	62S	150m	3.0	200m	20m	125J	1.4	1.0k					5.0k	XC	BX	SC10a
3	6RW71H	400	470	65B	225m	3.1	25m	20m△	125J	650mØ	300	4.5u				5.5k	XC§	AF	SC19
4	6RW71HY	400	470	65C	250m	3.1		10mØ	125J	.65 Ø	300				4.0	5.5k§	XC	AF△	SC19
5#	CR7K503A35	400	480	65C	150m	3.5	78mØ	50m	125C	1.6	1.0k			180u		6.9k	XC%	BX	M308b
6#	CR7K503A3	400	500	65C	150m	3.5	78mØ	50m	125C	1.5	1.0k			120u		7.5k	XC%	BX	M308b
7#	YST301QP4K3	400	500	70B	220m	3.5	100m	30m	125J	1.9	1.0k	4.0u☑	600	20u☑	200 §	7.4k	XC§	BB	MU68
8#	CR807SB0505	400	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
9#	CR9K503A25	400	600	65C	150m	3.5	55mØ	50m	125J	1.3	1.0k	3.5u	600	180u	100	900	XC§	BX	M308b
10#	CR702SC0505	400	600	65C	150m	3.5	55mØ	50m	125C	1.3	1.0k	3.5u	600	180u	100	9.0k§	XC§	BK	RD48
11	C507D	400	625 △	125J	150m	4.0	100m	50m	125C	1.4	500	5.0u	25	100u☑	100	6.5k	XC§	BR	MU20
12	C508D	400	625 △	125J	150m	4.0	100m	50m	125C	1.3	500	5.0u	25	60u☑	100	9.0k	XC§	BR	MU20
13#	CR9K503A2	400	680	65C	150m	3.5	55mØ	50m	125J	1.1	1.0k	3.5u	600	180u	100	11k	XC§	BX	M308b
14#	CRS25/40AF	440	45	55B	50m	3.0	50m	10m△	110J	1.2	45	2.0u	25	20u	10	500	XB§	AF	SC12
15	SCRJL45	450 ☑	1.0	25C	50m	2.0	50m	4.0m	100C	1.5	1.0	2.0u§	1.0	30u§		60 §	XA§	AD	AX5
16	SCRFL45	450 ☑	1.7	80C	15m	2.0	50m	900u	125C	1.2 △	1.0	2.0u§	1.0	12u§		60 §	XC§		AX5
17	SCRL45	450 ☑	1.7	80C	15m	2.0	20m	.90m△	125C	1.2 △	1.0	1.3u§	1.0	15u§		60 §	XC§		AX5
18	SCR345	450 ☑	4.0	80C	10m	2.0	25m	1.0m△	125C	2.0 △	3.0	1.3u§	1.0	15u§		60 §	XF§	AF	SC6
19#	2SF443	450	4.7	82	25m	1.5		1.6m	100J	1.8	10					70	XA§		RD25
20#	BTZ39	450	5.5	85C	25m	1.5	30m			1.8	10	1.0u☑	5.0	30u		65	XA§		M347a
21	SCR545	450 ☑	7.0	60C	15m	2.0	25m	1.0m	125C	1.9 △	15	1.0u§	10	15u§		100 §	XC§	AF	SC17
22	SCRF545	450 ☑	7.0	60C	25m	2.0	50m	1.0m	125C	1.9 △	15	2.0u§	10	12u§		100 §	XC§	AF	SC17
23	SCRJ45	450 ☑	7.0	75C	25m	2.5	50m	2.0m△	105C	2.0 △	15	3.0u§	5.0	30u§		600 §	XA☑	AF	SC17
24	SCR545A	450 ☑	7.0	110C	15m	2.0	25m	1.0m△	150C	1.9 △	15	1.0u§	10	15u§		100 §	XF§	AF	SC17
25#	CS22P	450	11.7	80B	50m	2.5	25m	10m	100	2.2	30	2.0u		20u	20	125	XA§		S159
26	SCR845	450 ☑	16	25C	75m	3.5	100m	6.0m△	100C	3.0	50	3.0u§	10	30u§		150 §	XA§	AF	TO48
27#	T21F30	450	16	40A	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20u	20	200	XA§		S242
28#	CS21P	450	19	70B	50m	2.5	25m	10m	100	2.2	50	2.0u		20u	20	200	XA§		S159
29#	CS32P	450	19.5	75B	50m	2.5	25m	20m	100	1.8	50	2.0u		20u	20	360	XA§		S80
30#	BTX12/450R	450	20	64C	50m	3.0	40m	6.0m	125J	3.5	175	4.0u	10	9.0u	20	250	XC§		S182
31#	T31F30	450	26	40A	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	600	XA§		S243
32#	BTX13-450R	450	30	25§	50m	3.0	40m§			3.5 §	250	4.0u§	10	6.0u§	21 §	300	XC§	AF	SC34
33#	CS31P	450	32	70B	50m	2.5	25m	20m	100	1.8	80	2.0u		20u	20	580	XA§		S80
34	SCR1645	450 ☑	35	25C	40m	3.0	50m	4.0m△	125C	2.0	50	1.5u§	10	20u§		200 §	XC§	AF	TO48
35	SCR1645A	450 ☑	35	25C	40m	3.0	50m	4.0m△	125C	2.0	50	1.5u§	10	20u§		250 §	XC§	AF	TO48
36	SCRF1645	450 ☑	35	25C	40m	3.0	100m	4.0m△	125C	2.0	50	2.0u§	10	12u§		200 §	XC§	AF	TO48
37#	CS41P	450	85	70B	100m	2.5	60m	20m	100	2.2	220	2.0u		20u	20	1.0k	XA§		M129
38#	TSK10/06	480	22	35	100m	4.0	50m			1.3	22	12u		15u	5.0 §	400	XB§		S259#
39#	CS10-400	480	25		50m	3.0	8.0mØ	10m	125J	2.0	50	2.6u	10	20u	10	150	XC§		S34
40	NL-C37D	480	25	37C	80m	3.5	20mØ	2.0m	105J	2.3 †	30	1.4u	5.0		50	175	XA§	AF	TO48
41	NL-C37S	480	25	37C	80m	3.5	20mØ	2.0m	105J	2.3 †	30	1.4u	5.0		50	175	XA§	AF	TO48
42	NL-C40D	480	35	20C	40m	3.0								12u	200		XC§	AF	TO48
43#	CS15-400	480	38	70B	70m§	3.0	8.0mØ	10m	125J	1.8	65	1.2u	50	20u	25 §	250	XC§		S34
44#	CS15-400A	480	38	70B	70m§	3.0	8.0mØ	10m	125J	1.8	65	1.2u	50	12u	200 §	250	XC§		S34
45#	TSK25-06	480	50	35	150m	4.0	70m			1.4	50	12u		15u	5.0 §	800	XB§	BK	S260#
46	NL-C45D	480	55	83C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO83
47	NL-C46D	480	55	83C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO49
48	TSC45D	480	55	85	125m	3.0	100m	4.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	SC8
49	TSC46D	480	55	85	125m	3.0	100m	4.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	TO49
50	211H	480	55	86S	70m	3.0	10m	20m	125J	1.4	35	1.0u		15u		700	XC*	AF	SC3a
51	209H	480	55	86B	170m	3.0	10m	12m	125J	1.4	35	1.0u		15u		700	XC§	AF	SC16
52	TS555D	480	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	TO49
53	TS556D	480	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	SC8
54	NLF45D	480	55	89C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50	30u§	200 §	1.2k	XC§	AF	TO83
55	NLF46D	480	55	89C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50	30u§	200 §	1.2k	XC§	BX	TO94
56	NL555D	480	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO49
57	NL556D	480	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO83
58#	TSK35-06	480	65	35	150m	4.0	70m			1.2	65	12u		15u	5.0 §	900	XB§	BK	S260#
59#	TSK50-06	480	95	35	200m	4.0	100m			1.5	95	15u		20u	5.0 §	2.0k	XB§		S261#
60	NL-C55D	480	110	78C	70m	3.0	100m	4.0m	125J	2.5 †	500	5.0u	50	20u	200	1.0k	XC§	AF	TO49
61	NL-C56D	480	110	78C	70m	3.0	100m	4.0m	125J	2.5 †	500	5.0u	50	20u	200	1.0k	XC§	AF	TO83
62#	TSK65-06	480	120	35	200m	4.0	100m			1.2	120	15u		20u	5.0 §	3.0k	XB§		S261#
63	NL-C180D	480	235	80C	150m	3.0	500m	6.0mØ	125J	2.9 †	1.5k	8.0u	100		200 §	3.5k	XC§		TO93
64	C506E	500			220m	5.0	500m	10m	25C				300	40u§	200 §	8.0k	XC§	BR	MU20
65#	TD5001J	500	600m	25A	20m	3.0	40mØ	1.0m	125J	2.0	1.0	1.5u§	500m	15u§	50 Ø§	12			RD1a
66	TI145A5	500	750m	60C	50m	4.0	50m	1.0m	100J	2.0	750m					30 §	XA☑		TO5
67	TI1936	500	850m	80§						1.1	850m					30	XC☑		A85a
68#	T0.8N500	500	900m	85C	10m	3.0	.25m	1.0m	125J	1.2	2.5	5.0u☑	1.0	25u	50 §	19 §	XC§		C41%
69#	TD5001S	500	1.0	25C	.30m	5.0	.30mØ	1.0m	100J	2.0	.75	1.5u	.60	40u		12	XA*		TO5
70#	GC05001	500	1.0	25A	25m	3.0	25mØ	1.0m	100J	2.0	1.0	1.5u§	1.0	5.0u☑		3.0			RD1a
71	SCRJL50	500 ☑	1.0	25C	50m	2.0	50m	4.0m	100C	1.5	1.0	2.0u	1.0	30u§		60 §	XA§	AD	AX5
72	TI1599-5	500	1.0	80§						2.0	1.0					30	XF☑		TO5
73	SCR15A	500 ☑	1.1	25C	15m	2.0	20m	900u△	125C	1.2 △	1.0	1.0u§	30	20u§		60 §	XC§		AX5
74	SCRF15A	500 ☑	1.1	25C	15m	2.0	50m	.90m△	125C	1.2 △	1.0	2.0u§	1.0	6.0u§		60 §	XC§		AX5
75	TI140A5	500	1.1	60C	50m	4.0	50m	1.0m	100J	2.0	1.1					60 §	XA☑		A85a
76	SCR150	500 Ø	1.6	85C	10m	3.0	25m	1.0m△	125J	2.0 △	1.0	1.4u§	1.0	20u§		60 §	XF%		TO5
77	SCRFL50	500 ☑	1.7	80C	15m	2.0	50m	.90m	125C	1.2 △	1.0	2.0u§	1.0	12u§		60 §	XC§		AX5
78	SCRL50	500 ☑	1.7	80C	15m	2.0	20m	.90m△	125C	1.2 △	1.0	1.3u§	1.0	15u§		60 §	XC§		AX5
79#	TM5004	500	2.5	25A	25m	3.0	30mØ	3.0m	110J	2.0	8.0	2.0u§	1.0	60u§	50 Ø§	50		AF	SC22d
80	UCR50L	500 △	2.5	25A	50m		50m			1.2	3.0	450n	30	15u	250	60	XC§		AX7
81#	CR3E10	500 Ø	3.0	95C	20m	2.0		1.5m	125J	1.2 †	3.0					50	XC§		C115
82#	BStC0233	500	3.5	72B	40m	2.0	100m	2.8m	125J	1.7	11				50 §	70	XC§		MU23
83	SCR350	500 ☑	4.0	80C	10m	2.0	25m	1.0m△	125C	2.0 △	3.0	1.3u	1.0	15u§		60 §	XF§	AF	SC6
84	SCR35A	500 ☑	4.0	80C	15m	2.0	25m	1.0m△	125C	2.0 △	3.0	1.0u☑	60			60 §	XC§	AF	SC6
85	SCRF35A	500 ☑	4.0	80C	15m	2.0	50m	1.0m△	125C	2.0 △	3.0	2.0u§	1.0	6.0u§		60 §	XC§	AF	SC6
86#	CS3-05go1	500	4.0	85C	10m	2.0	20m	1.0m	125	1.6	10			60u	200	41	XC§		M667
87#	T3N500	500	4.5	85C	20m	3.0	25m	1.0m	125J	1.5	10	5.0u☑	3.0	25u		55	XC§		M350
88	207K	500 ☑	4.7	65C	50m	5.0	20m			1.6	10						XA		S114a
89	2N1605	500	4.7	80C§	10m					2.0	3.0					75	XF☑	AF	SC3
90	3RC50	500 ☑	4.7 △	92C	15m	2.0	5.0mØ	1.0m	105C	2.0	9.4 †					30 △	6A§	AF	TO64
91	206K	500 ☑	4.7	105	30m	2.0	50m	2.0m	105	1.6	2.0	4.0u§	2.0	8.0u	50 §	30	XA		
92#	GC05005	500	5.0	25A	150m	3.0	100mØ	3.0m	100J	2.2	5.0	1.5u§	5.0	2.0u☑		20		AF	SC22d
93#	2SF269	500	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0					90	XA§	AF	SC22b
94#	2SF269A	500	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0		5.0	15u☑	100 △	90	XA§	AF	SC22b
95#	BStC0133	500	5.0	80C	40m	2.0	100m	2.0m	125J	1.8	15				50 §	70	XC§	AF	SC74
96	TIC15	500	5.0 △	80C	300m	2.5	360m	1.0m	100C	2.3	5.0	1.5u		6.0u		30 *	XA☑		TO3
97#	CS5-500	500	5.0	85C	30m	3.0	50mØ			1.2	15		.20	60u§	200	110 §	XC§		
98#	CR5-502B	500 †	5.0	125C	80m	3.0	150m	5.0m	125C	3.0	5.0	2.0u	5.0	12u	20		XC☑	AF	TO48
99#	TM5010	500	6.0	25A	40m	3.0	40mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	SC22d
100#	TP5004	500	6.0	100C	40m	3.0	100m	3.0m		1.2	4.0	2.0u	4.0	30u	100 §Ø	80	XC☑	AD	S18a
101	5RC50B	500 ☑	6.0	105B	15m	1.3	80m§	1.0mØ	150J	1.9 △	4.7					60 §	XF§	AF	SC3
102#	BTY79-500	500	6.4		25m	2.5	10mØ	2.5m	125	2.3	20	3.0u	10	15u	20	50	XC§		
103#	2SF1119	500	6.5	25	28m	2.0	6.0	2.0	125J	1.4	10		3.0	20	50	50	XC§		RD3a
104#	T6.5N500	500	6.5	85C	15m	3.0										120	XA§		
105	SCR55A	500 ☑	7.0	60C	20m	2.0	25m	1.0m△	125C	1.9 △	15	1.0u§	100	20u§		100 §	XC§	AF	SC17
106	SCRF55A	500 ☑	7.0	60C	20m	2.0	50m	1.0m△	125C	1.9 △	15	2.0u§	10	6.0u§		100 §	XC§	AF	SC17
107	SCRF550	500 ☑	7.0	60C	25m	2.0	50m	1.0m	125C	1.9 △	15	2.0u§	10	12u§		100 §	XC§	AF	SC17
108	TI40A5	500 †	7.0	70C	25m	3.5	25m	1.0m	105C	2.0	5.0					100 △	XA*	AF	TO64
109	SCRJ50	500 ☑	7.0	75C	25m	2.5	50m	2.0m△	105C	2.0 △	15	3.0u§	5.0	30u§		600 §	XA☑	AF	SC17
110#	TAG7-500R	500	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0					100	XA		S276

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	TAG7S500R	500	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0			12u§		100	XA		S276
2#	BTX31-500R	500	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0					100	XC		S276
3#	BTX31S500R	500	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0			12u§		100	XC		S276
4#	BTX71-500R	500	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	20u	200	100	XC		S276
5#	BTX71S500R	500	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	12u§	200	100	XC		S276
6	SCR550A	500 ☑	7.0	110C	15m	2.0	25m	1.0mΔ	150C	1.9 Δ	15	1.0u§	10	15u§		100 §	XF§	AF	SC17
7	2N1778A	500	7.0	115B$	6.0m	2.0		1.0mØ	105C	1.9 $	4.7					60 §	XF*	AF	SC3
8	5RC50	500 ☑	7.4 Δ	60C	15m	2.0	5.0mØ	1.0m	105C	1.9	15 †	2.5u	60		20	60 Δ	6A§	AF	TO64
9#	SF5H11	500	8.0	24	20m	2.0		2.0m	125J	2.0	20					60	XC§	AF	SC22a
10#	CS8-500	500	8.0	85C	30m	3.0	50mØ			1.3	24		.20	60u§	200	170 §	XC§		
11#	SH5H11	500	8.0	90C	30m	25	50m	4.0m	125J	2.0	20	6.0u	10	10u	100 Δ	60	XC§	AF	SC22a
12#	2SF329A	500	8.0	108	20m	2.0		2.0m	150J	2.0	20					60	XF§	AF	SC22a
13#	BTX64-500R	500	8.5	85B	65m	3.5	10mØ§	6.0m	125J	3.0	50	400n	10	10u	100	140 *	XC§	AF	TO48
14#	TP5006	500	9.0	100C	40m	3.0	100m	3.0m		1.2	6.0	2.0u	6.0	30u	100 §Ø	100	XC☑	AD	S18a
15#	CR10B10	500	10	59C	30m	2.5		3.0m	100J	1.6	30					150 Δ	XA§	AF	SC69
16#	2SF279	500	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10					90	XA§	AF	SC22b
17#	2SF279A	500	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10		10	15u☑	100 Δ	90	XA§	AF	SC22b
18#	BTX32S500R	500	10	65C	30m	3.0	30m	5.0m	105J	1.8	10			12u§		120	XC		S276
19#	TAG10-500R	500	10	65C	30m	3.0	30m	5.0m	105J	1.8	10					120	XA		S276
20#	TAG10S500R	500	10	65C	30m	3.0	30m	5.0m	105J	1.8	10			12u§		120	XA		S276
21	RTV0150	500	10	65C	50m	3.0	200m	2.0m	100	2.5	30	.20u	10		100	100	XA☑	AF	SC18
22	RTV0450	500	10	65C	50m	3.0	200m	2.0m	125	2.5	30	.20u	10		100	100	XC☑	AF	SC18
23#	CR10EY10	500	10	66C	40m	2.5		4.0m	125J	2.5	30		10	15u☑	100 Δ	140 Δ	XC§	AF	SC69
24#	CR5-5029B	500	10	70C	80m	3.0	20mØ	10m	100C	2.0	16	2.0u	20	4.0u☑	20	90	XC		
25#	CR6-603RB	500	10	70C	80m	3.0	28mØ	5.0m†	100C	2.0	16	2.3u	20	80u	20	100	5C§		
26#	CR6-603RBA	500	10	70C	80m	3.0	28mØ	5.0m†	100C	2.0	16	2.3u	20	80u	200	100	XC	AF	
27#	BTX32-500R	500	10	85C	25m	3.0	25m	5.0m	125J	1.8	10					120	XC		S276
28#	BTX72-500R	500	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	20u	200	120	XC		S276
29#	BTX72S500R	500	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	12u§	200	120	XC		S276
30#	CR10-502B	500 †	10	125C	80m	3.0	150m	5.0m	125C	2.0	10	2.0u	10	30u	20		XC☑	AF	TO48
31#	CS22Q	500	11.7	80B	50m	2.5	25m	10m	100	2.2	30	2.0u		20u	20	125	XA§		S159
32	UCR50	500 Δ	12	55C	50m		50m			1.2	3.0	450n	30	15u	250	60	XC§		SC55
33#	2SF289	500	12	61C	50m	3.5	15mØ	3.0mØ	100	1.4	12					150	XA§	AF	SC15a
34#	2SF289A	500	12	61C	50m	3.5	10mØ	3.0mØ	100	1.4	12		12	15u☑	100 Δ	150	XA	AF	SC15a
35#	BTX65-500R	500	12	85B	65m	3.5	10mØ§	6.0m	125J	2.0	50	400n	10	10u	100	200	XC§	AF	TO48
36#	CR10-5029B	500	12	85C	80m	3.0	20mØ	10m	125C	2.0	5.0	2.6u	32	4.0u☑	20	120	XC		
37#	BTW32-500R	500	12	85	150m	2.5						2.0u		6.0u	200	150	XC§	AF	TO48
38#	CR12-603RB	500	14.5	75C	60m	3.0	28mØ	5.0m†	125C	2.0	32	2.3u	20	85u	20	160	XC		
39#	CR12-603RBA	500	14.5	75C	60m	3.0	28mØ	5.0m†	125C	2.0	32	2.3u	20	85u	200	160	XC		
40	204K	500 ☑	15	105J	50m	2.0	50m	2.0m	105	1.6	15	6.0u§	15	10u	35 §	125	XA	AF	S121a
41#	BTX95-500	500	15 Ø	125B$						3.0	10	375n	40	50u		300 *	XC§	AF	TO64
42#	SF10H11	500	16	26S	80m	3.5		6.0m	100J	3.0	50					113	XA§	AD	SC4
43#	BTW30-500	500	16	65B$			200m	13m	125J	5.0	50 †	2.0u	50	12u	200	150 *	XC§	AF	TO48
44	RTV0350	500	16	65C	25m	2.0	50m	1.0m	100	2.0	50	.20u	16		100	150	XA☑	AF	SC18
45	RTV0650	500	16	65C	25m	2.0	50m	1.0m	125	2.0	50	.20u	16		100	150	XC☑	AF	SC18
46	10RC50	500 ☑	16 Δ	65C	40m	3.0	10mØ	3.0mØ	105C	2.3 †	31					125 Δ	6A§	AF	TO48
47	RTV0250	500	16	65C	50m	3.0	200m	2.0m	100	2.5	50	.20u	16		100	150	XA☑	AF	SC18
48	RTV0550	500	16	65C	50m	3.0	200m	2.0m	125	2.5	50	.20u	16		100	150	XC☑	AF	SC18
49	T400051006	500	16 Δ	75	80m	3.0	100m	3.5m	125J	2.3	30				100	150	XC§	AF	TO48
50#	CS16-500	500	16	85C	80m	3.0	50mØ			1.3	48		.20	60u§	200	350 §	XC§		
51	T408051006	500	16 Δ	87	80m	3.0	100m	6.0m	125J	1.5	10				25	125	XC§	AF	TO48
52#	CR16-502B	500 †	16	125C	40m	3.0	120m	5.0m	125C	2.0	16	2.0u	10	20u	20		XC☑	AF	TO48
53#	T14F500C	500	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		SC7b
54#	T14F500E	500	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		MU5
55#	T14N500	500	17	85C	50m	3.0	40m	10m	125J	2.5	50	1.5u☑	10	20u		200	XC§		M351
56	TIX95	500	18	75C	40m	3.5	40m	1.0m	125	1.6	18				100		XC☑	AD	RD21
57#	2SF210	500 ☑	19	50B	40m	3.0		6.0m	100J	2.0	50					150	XA§	AF	SC15
58#	CS21Q	500	19	70B	50m	2.5	25m	10m	100	2.2	50	2.0u		20u	20	200	XA§		S159
59#	T15N500C	500	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		SC7b
60#	T15N500E	500	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		MU8
61#	CS32Q	500	19.5	75B	50m	2.5	25m	20m	100	1.8	50	2.0u		20u	20	360	XA§		S80
62#	BTX12/500R	500	20	25$	50m	3.0	40m§			3.5 §	175	4.0u§	10	10u§	20 §	250	XC§		S182
63#	BTX33-500R	500	20	45C	50m	3.0	50m	5.0m	125J	1.8	20					150	XC		S276
64#	BTX33S500R	500	20	45C	50m	3.0	50m	5.0m	125J	1.2	20			12u§		150	XC		S276
65#	TAG20-500R	500	20	45C	50m	3.0	50m	5.0m	105J	1.8	20					150	XA		S276
66#	TAG20S500R	500	20	45C	50m	3.0	50m	5.0m	105J	1.8	20			12u§		150	XA		S276
67#	2SF464	500	20	53C	50m	3.5	10mØ	10mØ	125	2.0	20		20	6.0 ☑	50 Δ	300	XC§	AF	SC15a
68#	CR20A10	500	20	57C	50m	3.0		3.0m	100J	1.8	60					300 Δ	XB§	AF	SC15a
69#	2SF299	500	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20					300	XA§	AF	SC15a
70#	2SF299A	500	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20		20	15u☑	100 Δ	300	XA§	AF	SC15a
71	MCR2918-7	500 Δ	20 Δ	63C	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240 Δ	XA§	AF	SC18
72#	CR16-5029B	500	20	75C	60m	3.0	7.0mØ	10m	125C	2.0	50	2.5u	50	4.0u☑	20	160	XC		
73	MCR2818-7	500 Δ	20	100J	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240	XA§	AD	RD21
74	MCR2819-7	500 Δ	20	100J	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240	XA§	AF	SC18
75#	SIT18-500	500	20.5	90B	50m	3.0	8.0mØ			1.8	30	2.6u	10	15u	25	300	XC§	AF	M329
76#	T30/500	500	21	20	100m	3.0	20mØ			1.5	100				200	550	XC		M351
77#	2SF725	500	22	64B	40m	3.0		4.5m	125J	2.0	50				100	150	XC§	AD	SC4b
78#	BTW31-500	500	22	65B$			200m	13m	125J	2.9	50 †	2.0u	50	20u	200	225 *	XC§	AF	TO48
79#	CS22-500	500	22	85C	100m	3.0	80mØ			2.1	70		.20	65u§	50	400 §	XC§		
80#	TR5015	500	22.5	70C	25m	3.0	200m	3.0m	125J	2.0	30	1.5u	5.0	40u§	40 Ø	250	XC☑	AF	TO48
81#	CR18-603RB	500	23	70C	40m	3.0	28mØ	5.0m†	125C	2.1	57	2.3u	20	85u	20	180	XC		
82#	CR18-603RBA	500	23	70C	40m	3.0	28mØ	5.0m†	125C	2.1	57	2.3u	20	85u	200	180	XC		
83#	T18F500	500	23	85C	50m	3.0	40m	10m	125J	2.3	60	1.5u☑	15	6.0u☑		300	XC§		M353
84#	T18F500C	500	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		SC7b
85#	T18F500E	500	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		MU9
86	NL-C37E	500	25	25C	80m	3.5		13m	105J	2.3	30					125	XA§	AF	TO48
87	T400051606	500	25 Δ	45	80m	3.0	100m	3.5m	125J	2.3	50				100	250	XC§	AF	TO48
88#	2SF217	500 ☑	25	55B	40m	2.0	10mØ	3.0mØ	125J	2.2 Δ	16	3.0u	10	15u§	20 §	150 *	XC%	AF	TO48
89#	SF16H11	500	25	57S	40m	3.0		6.0m	125J	1.9	50					135	XC§	AD	SC4
90#	BTX73-500R	500	25	60C	40m	3.0	50m	13m	125J	2.0 Δ	50	1.4u	10	20u	200	150	XC		S276
91#	BTX73S500R	500	25	60C	40m	3.0	50m	13m	125J	2.0 Δ	50	1.4u	10	12u§	200	150	XC		S276
92	TI3042	500	25 Δ	60C	100m	4.0	130mØ	3.0m	125C	2.5	25	2.5u	25	2.9u	200	200	XC☑	AF	TO48
93#	T18/500	500	28	20	50m	3.0	8.0m			1.8	65				25	200	XC		M353
94#	T22N500	500	28	85C	100m	3.0	80m	10m	125J	1.9	60	2.5u☑	20	80u		400	XC§		M353
95#	T22N500C	500	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		SC7b
96#	T22N500E	500	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		MU9
97#	BTX13-500R	500	30	25$	50m	3.0	40m§			3.5 §	250	4.0u§	10	6.0u§	20 §	300	XC§	AF	SC34
98#	CS31Q	500	32	70B	50m	2.5	25m	20m	100	1.8	80	2.0u		20u	20	580	XA§		S80
99#	BTX66-500R	500	32	85B	80m	3.0	10mØ§	12m	125J	3.3	500	500n	50	15u	22	680 *	XC§	BX	TO94
100#	SIT30-500	500	34	90B	100m	3.0	20mØ			1.4	50	6.0u	25	20u	25	800	XC§	AF	M329
101	T400052206	500	35 Δ	18	80m	3.0	100m	3.5m	125J	2.3	70				100	360	XC§	AF	TO48
102	SCR165A	500 ☑	35	25C	25m	2.0	50m	2.0mΔ	125C	2.0	50	1.0u§	200	20u§		200 §	XC§	AF	TO48
103	SCRF165A	500 ☑	35	25C	25m	2.0	100m	2.0mΔ	125C	2.0	50	20u§	10	6.0u§		200 §	XC§	AF	TO48
104	ZJ244E	500	35	25C	40m	1.7	50m	6.0m	150J	2.1	50	1.5u	10	24u	30	150	XF☑	AF	TO48
105	SCRF1650	500 ☑	35	25C	40m	3.0	100m	2.0mΔ	125C	2.0	50	2.0u§	10	12u§		200 §	XC§	AF	TO48
106	TSC40E	500	35	25	80m$	3.0 $		3.0mØ	125C	2.2 $	16			12u		150	XC☑	AF	TO48
107	T408052206	500	35 Δ	40	80m	3.0	100m	6.0m	125J	2.0	50				25	150	XC§	AF	TO48
108	NL571E	500	35	62C	40m	2.5	.10	5.0m	125J	1.5	50	1.4u	5.0	30u	200	600	XB§	AF	TO48
109#	35T6	500	35	80B	150m	.25	150m	10m†		2.2 †	110					630	XCØ	AF	S63b
110	MCR2835-7	500 Δ	35	100J	40m	1.5	50m	5.0m	100J	1.5	35	1.0u	35	15u	50 Ø§	325	XA§	AD	RD21

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	MCR2935-7	500 △	35	100J	40m	1.5	50m	5.0m	100J	1.5	35	1.0u	35	15u	50 Ø§	325	XA§	AF	SC18
2#	CR30-504A	500	36	25	60m	3.0	66m			1.4	30		30	20u		500	XC	AF	TO49
3#	CR24-603RB	500	40	80C	40m	3.0	28mØ	5.0mt	125C	1.4	50	2.3u	20	85u	20	320	XC		
4#	CR24-603RBA	500	40	80C	40m	3.0	28mØ	5.0mt	125C	1.4	50	2.3u	20	85u	200	320	XC		
5#	T30F500	500	40	85C	100m	3.0	80m	10m	125J	1.8	100	2.0u☑	25	10u☑		800	XC§		M351
6#	T30F500C	500	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u☑	25	25u§	50 §	800 §	XC§		SC7b
7#	T30F500E	500	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u☑	25	25u§	50 §	800 §	XC§		MU8
8	NLE45E	500	45	89C	70m	2.5	.10	4.0m	125J	3.0	500	5.0u	50	30u	200	1.2k	XC§	AF	TO83
9	NLE46E	500	45	89C	70m	2.5	.10	4.0m	125J	3.0	500	5.0u	50	30u	200	1.2k	XC§	BX	TO94
10#	T50/500	500	51	20	100m	3.0	20mØ			1.5	100				200	550	XC		M349a
11	C146E	500	55 △		100m	3.0								40u☑			XC*		SC41
12#	33T6	500	55	72B	200m	3.0	150m	10m	100J	2.2	110					520	XCØ		S266a
13	NL-C45E	500	55	83C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50	30u	100	700	XC§	AF	SC8
14	NL-C46E	500	55	83C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50	30u	100	700	XC§	AF	TO94
15	209K	500	55	85C	70m	3.0	10m§Ø	10m	125J	1.4	35					700	XC§	AF	SC16
16	211K	500	55	85C	70m	3.0	10m§Ø	10m	125J	1.4	35					700	XC§	AF	SC3a
17	NL548E	500	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	15u§	200 §	1.2k△	XC§	AF	TO83
18	NL549E	500	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	20u§	200 §	1.2k△	XC§	AF	TO83
19	NL551E	500	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	15u§	200 §	1.2k△	XC§	BX	TO94
20	NL552E	500	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	20u§	200 §	1.2k△	XC§	BX	TO94
21#	BTX44-500R	500	55 △	90C	100m	3.0	100m§	10m	110J	1.8	110	4.0u	35	18u	20	900 §*	XB☑	AF	S189a
22	213K	500 ☑	55	125J	110m	4.0	10mØ	10m	125	1.7	35	1.5u§	50	15u§	100 §	500		AF	SC3a
23#	SIT50-500	500	60	90B	100m	3.0	20mØ			1.5	60	6.5u	50	25u	25	800	XC§	BX	M330
24#	BTX67-500	500	62	85B	80m	3.0	10mØ	12m	125	2.5	500	500n	50	15		900 *	XC		
25#	BTX67-500R	500	62	85B	80m	3.0	10mØ§	12m	125J	2.5	500	500n	50	15u	22	900	XC§	BX	TO94
26#	T50F500	500	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.0u☑	25	30u§	50 §	800 §	XC§	BX	M330b%
27#	T50N500	500	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.5u☑	25	80u§	20 §	800 §	XC§	BX	M330b%
28#	CR50-504A	500	64	25	100m	3.0	73m					5.5u	50	20u		600	XC	AF	TO49
29#	2SF379	500	70	66C	150m	2.5	15mØ	10mØ	100	1.3	200					1.5k	XA§	AF	S189b
30#	CR70B10	500	70	74C	70m	3.0		6.0m	125J	1.7	220				10 △	1.5k△	XC§	AF	SC34b
31#	BTX23	500 Ø	78	70C	100m	300m	100m	20m	70C	2.0	150					500 §	X9	AF	TO49
32#	BTX29-500R	500	78 △	85C	100m	3.0	100m§	10m	110J	1.7	150	6.0u	50	20u	20	1.1k§*	XB☑	AF	S189a
33#	2SF426	500	79	25S	150m	3.5		13m	100J	2.8	250					600	XA		S136
34#	T70F500EEB	500	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	20u☑	50	2.4k§	XC§		MU6
35#	T70F500EEC	500	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	20u☑	400	2.4k§	XC§		MU6
36#	T70F500EFB	500	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	25u☑	50	2.4k§	XC§		MU6
37#	T70F500EFC	500	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	25u☑	400	2.4k§	XC§		MU6
38#	T70F500EGB	500	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	30u☑	50	2.4k§	XC§		MU6
39#	T70F500EGC	500	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	30u☑	400	2.4k§	XC§		MU6
40#	CS41Q	500	85	70B	100m	2.5	60m	20m	100	2.2	220	2.0u		20u	20	1.0k	XA§		M129
41#	BTY24	500	90	125J	80m	3.0	100m	10m△	125J	2.0	200	8.0u	50	20u	25	1.8k	XC§		M52
42#	150T4	500	93	125J$	100m	2.0	20m	17m	125C	1.6	500	10u	200	45u		1.2k*	XC§		S226
43#	BTX51-500R	500	95	85B	70m	3.0	10m§Ø	13m	125J	2.1	500	3.0u	50	20u	10	900	XC§	AF	TO49
44#	CS30-400BX	500	98	70C	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	15u§	12 §	800	XC§		S231
45#	CS30-400BY	500	98	70C	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	80u§	12 §	800	XC§		S231
46#	CS30-400CX	500	98	70C	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	15u§	50 §	800	XC§		S231
47#	CS30-400CY	500	98	70C	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	80u§	50 §	800	XC§		S231
48#	2SF309	500	100	60C	150m	2.5	15mØ	10mØ	100	1.3	200					2.0k	XA§	AF	S189b
49#	SIT95-500	500	103	90B	200m	3.0	25mØ			1.6	200	8.0u	50	30u	25	1.8k	XC§	BX	M331
50#	10TC50B	500	110	30C	60m	3.0	20m			1.5	110	3.0u	110	25u	20	1.1k	XA§	BX	SC32
51#	2SF359	500 ☑	110	60B	70m	2.5	10mØ	3.0mØ	125J	1.9 △	70	4.5u	50	20u§	20 §	1.0k*	XC%	BX	SC10
52#	70RC50	500	110	60B	70m	2.5	10mØ	3.0m	125B	1.8	70	4.5u	50	20u		1.0k	XCØ	BX	SC10
53	70RC50A	500 ☑	110	60B	70m	2.5		3.0mØ	125J	1.8 △	220					1.0k	XC§	BX	SC10
54	156E	500	110	60C	500m	40	500m					5.0u§	50	7.0u	200	1.0k	XC	AF	SC8
55	157E	500	110	60C	500m	40	500m					5.0u§	50	12u	100	1.0k	XC	AF	SC8
56	ZJ260E	500	110	62C	125m	3.0	500m	10m	25C	3.4 △	500	8.0u§	5.0	50u§	200	1.0k§	XC§	BX	SC10
57#	BTX45-500R	500	110 △	80C	100m	3.0	100m§	10m	110J	1.7	220	7.0u	70	20u	20	1.2k§*	XB☑	AF	S189a
58	NLE151E	500	110	80C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	50u	200	1.4k	XC§	BX	TO94
59	NLE153E	500	110	80C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	50u	200	1.4k	XC§	AF	TO83
60	NLE155E	500	110	83C	.15	2.5	.50	8.0m	125J	3.0	500	5.0u	50	20u	200	1.4k	XC§	BX	TO94
61	NLE157E	500	110	83C	.15	2.5	.50	8.0m	125J	3.0	500	5.0u	50	20u	200	1.4k	XC§	AF	TO83
62	NLE150E	500	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	TO94
63	NLE152E	500	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	TO83
64	NLH150E	500	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	TO94
65	NLH152E	500	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	TO83
66#	T95F500	500	115	85C	100m	3.0	300m	30m	125J	1.8	300	2.5u☑	50	30u§	50 §	2.0k§	XC§	BX	MU6
67#	T100F500EEB	500	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	20u☑	50	3.2k§	XC§		MU6
68#	T100F500EEC	500	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	20u☑	400	3.2k§	XC§		MU6
69#	T100F500EFB	500	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	50	3.2k§	XC§		MU6
70#	T100F500EFC	500	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
71#	T100F500EGB	500	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	50	3.2k§	XC§		MU6
72#	T100F500EGC	500	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
73#	250T4	500	115	125J$	100m	2.0	20m	17m	125C	1.6	500	10u	200	45u		1.5k*	XC§		S226
74#	T180/500	500	120	20	400m	3.0	40m			1.2	500				200	3.5k	XC		M352a
75#	2SF421	500	126	53S	100m	2.0		13m	125J	1.8	250					900	XC		S136
76#	T125N500	500	140	85C	250m	3.0	300m	50m	125J	1.8	500	3.0u☑	100	100u§	20 §	3.0k§	XC§	BX	M330c%
77#	T95/500	500	150	20	80m	3.0	25m			1.5	300				200	1.2k	XC		M352b
78#	TT5	500	150	60C	500m	3.0	300m	25m	100J	2.2	350	5.0u	15		20 §Ø	2.0k	XA☑	BX	SC36
79#	350T4	500	160	125J$	100m	2.0	20m	17m	125C	1.6	500	10u	200	45u		2.0k*	XC§		S226
80#	CR608SA0606	500	165	85C	150m	3.5	50mØ	30m	125J	1.6	450			125u§	300u	3.0k	XC§	BK	RD48a
81#	CR150B10	500	175	75C	300m	3.0		15mØ	125J	1.8 †	500 §					4.0k△	XC§	BX	SC42
82	228K	500	175	125J	300m	3.0		15m	125J	1.4	100	5.0u	100	40u	100	3.3k*	XC§	BC	MU15
83#	SIT180-500	500	180	90B	400m	3.0	40mØ			1.4	350	9.0u	100	50u	25	4.5k	XC§	BX	MU4a
84#	T160N500	500	185	85C	250m	3.0	300m	50m	125J	1.8	500	6.0u☑	100	100u§	50 §	4.0k§	XC§	BX	M330d%
85	218K	500	200	80C	300m	4.0		15m	125J	1.3	100			40u	100	3.3k*	XC§	BX	TO93
86#	BTY15	500	200	125J	200m	3.0	200m	20m△	125J	2.0	600	15u	100	40u	25	3.5k	XC§		
87#	CR155-604NA	500	210	70C	150m	3.5	35mØ	30mt	125C	1.8	450			35u☑	100	2.1k	XC		M201
88#	T170F500	500	210	85C	250m	3.0	300m	50m	125J	1.6	500	3.0u☑	100	30u§	50 §	4.0k§	XC§	BX	M330c%
89#	T170N500	500	210	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	100u		4.0k	XC§		M352a
90#	CR150-501A	500	235	25	150m	3.5	55m					6.5u	150	100u		3.3k	XC		M201
91#	CR150-502B	500	235	25	150m	3.5	55m					6.5u	150	20u		3.3k	XC		M201
92#	2SF367	500 ☑	235	55B	100m	2.5	50mØ	6.0mØ	125J	1.7 △	150	5.0u	100	25u§	4 §	3.0k*	XC§		S86
93	150RC50	500 ☑	235	55B	100m	2.5		10mØ	125J	1.7 △	471					3.0k§	XC§		S86
94	2SF339	500	235	64	100m	2.0		10m	125J	1.5	500					3.2k	XC§		S136a
95	6RW56KC	500	235	75B	100m	2.0	12mØ	6.5m	125J	650m§	150 Ø	4.5u		25u		3.0k			S71
96#	CR150-502A3	500	235	75C	150m	3.5	35mØ	15m	25C	1.4	450	6.5u	400	35u	20	3.3k	XC☑		M201
97#	CR150-502A4	500	235	75C	150m	3.5	35mØ	15m	25C	1.6	450	6.5u	400	35u	20		XC☑		M201
98#	CR150-502A5	500	235	75C	150m	3.5	35mØ	15m	25C	1.8	450	6.5u	400	35u	20		XC☑		M201
99#	CR150-502A6	500	235	75C	150m	3.5	35mØ	15m	25C	2.0	450	6.5u	400	35u	20		XC☑		M201
100#	2SF482	500	235	76S	150m	3.0	200m	20m	125J	1.5	500					3.2k	XC	BX	SC10a
101#	450T4	500	235	125J$	100m	2.0	20m	17m	125C	1.6	500	10u	200	45u		3.0k*	XC§		S226
102#	CR250B10	500	250	21A	350m	4.0		15mØ	125J	1.8 †	780 §				10 △	5.0k△	XC§	BX	M247a
103#	T20F500	500	250	55C	200m	2.5	50mØ	15m	25	1.5	450	5.0u		20u		3.5k	XC☑		M201
104	229K	500	250	125J	300m	3.0		15m	125J	1.3	100	5.0u	100	40u	100	5.0k*	XC§	BC	MU15
105#	CR253-605A	500	260	70C	150m	3.5	35mØ	30m	125	1.6	450				100 §	2.8k§	XF§		M201
106#	TY180NP5K2	500	260	70B	200m	3.5	50m	27m	125J	1.6	600	10u☑	500	20u☑	20 §	3.6k	XC§		
107#	TY180QP5K2	500	260	70B	200m	3.5	50m	27m	125J	1.7	600	10u☑	500	30u☑	20 §	3.6k	XC§		
108#	T220N500	500	260	85C	250m	3.0	300m	50m	125J	1.5	500	5.0u☑	100	120u§	50 §	5.0k§	XC§	BX	M330d%
109#	T260F500	500	260	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	50u§	50 §	4.0k§	XC§	BX	M330c%
110#	CR300A10	500	300	10A	350m	4.0		15mØ	125J	1.8 †	780 §				100 △	5.0k△	XC§	BX	M247a

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CURRENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	CR300AW10	500	300	11A	350m	4.0	30mØ	15m	125J	1.9 §	780			50 §	100 §	5.0k	4C	BX§	SC56
2	2231K	500	300	125J	300m	4.0		15m	125J	1.3 §	100	4.0u	100	30u	100	4.5k*	XC§	BX	SC1
3	2232K	500	300	125J	300m	4.0		15m	125J	1.3 §	100	8.0u	100	40u	100	4.5k*	XC	BX	SC1
4#	BTX41-500R	500	315 △	80C	300m	3.0	300m§	10m	110J	1.5	600	10u	200	50u	20	3.5k§*	XB☑	BX	SC39
5#	BStL4033	500	325	59	300m	1.5	150m	10m	120	2.1	660				50	2.6k	XC§	AB	MU52
6#	72T6	500	350	60B	300m	250m	400m	20m†		2.0 †	1.1k					5.4k	XCØ	BX	MU4a
7#	T300N500	500	350	85C	250m	3.0	200m	50m	125J	1.3	500	6.0u☑	200	120u		4.5k	XC§	AF	MU11
8#	T301N500	500	350	85C	250m	3.0	300m	50m	125J	1.3	500	6.5u☑	100	130u§	50 §	6.0k§	XC§	BX	M330d%
9	223K	500	370	25B	300m	4.0	25m§Ø	15m	125J	1.2 §	100			50u	50	5.0k*	XC§	BX	SC1
10#	250RC50	500	392		150m	2.0	40m	6.0m	125J	1.5	250	5.0u	100	100u	10	4.8k	XC§		
11	222K	500	400	25§	300m§	4.0 §	25m§	15m	125J	1.2 §	100					5.0k	XC§	BX	SC1
12	250RA50	500 ☑	400 △	75C	150m	3.0	100m	25m	125J	1.7 †	785	5.0u	250	40u§	100 △Ø	5.0k△	XC§		TO118
13#	CR7K603A5	500	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
14#	CR7K603A45	500	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
15	C510E	500	450 △	125J	200m	5.0	500m	10m	25C	2.2 †	500		300	12u§	200 §	4.0k	XC§	BR	MU20
16#	CR7K603A4	500	460	65C	150m	3.5	55mØ	50m	125J	1.7	1.0k	3.5u	600	180u	100	6.4k	XC§	BX	M308b
17#	300RC50	500	470		150m	2.0	40m	6.0m	125J	1.4	300	5.0u	100	100u	10	5.5k	XC§		
18#	2SF495	500	470	62S	150m	3.0	200m	20m	125J	1.4	1.0k					5.0k	XC	BX	SC10a
19	C29120E△	500	470	65C	150m	3.5	100m			1.2	500	5.0u	5.0		100 §	5.5k	XC§		S248
20	6RW71KY	500	470	65C	250m	3.1		10mØ	125J	.65 Ø	300				4.0	5.5k§	XC	AF△	SC19
21	C29120E☑	500	470	125J	150m	3.0	100m	15m	125J	1.2 †	500	5.0u	5.0	100u§	100 §	5.5k	XC§	BX	SC2
22#	CR7K603A35	500	480	65C	150m	3.5	78mØ	50m	125C	1.6	1.0k			180u		6.9k	XC%	BX	M308b
23#	CR7K603A3	500	500	65C	150m	3.5	78mØ	50m	125C	1.5	1.0k			120u		7.5k	XC%	BX	M308b
24#	CR807SB0606	500	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
25	350RB50	500 ☑	550 △	75C	150m	3.0	100m	25m	125J	1.4 †	1.1k	5.0u	250	50u§	100 △Ø	5.5k*	XC§	BX	TO118
26#	CR9K603A25	500	600	65C	150m	3.5	55mØ	50m	125J	1.3	1.0k	3.5u	600	180u	100	900	XC§	BX	M308b
27#	CR702SC0606	500	600	65C	150m	3.5	55mØ	50m	125C	1.3	1.0k	3.5u	600	180u	100	9.0k§	XC§	BK	RD48
28#	BStN4033	500	625	60	300m	2.0	150m	10m	120	2.0	1.2k				50	5.5k	XC§		
29	C507E	500	625 △	125J	150m	4.0	100m	50m	125C	1.4	500	5.0u	25	100u☑	100	6.5k	XC§	BR	MU20
30	C508E	500	625 △	125J	150m	4.0	100m	50m	125C	1.3	500	5.0u	25	60u☑	100	9.0k	XC§	BR	MU20
31#	CR9K603A2	500	680	65C	150m	3.5	55mØ	50m	125J	1.1	1.0k	3.5u	600	180u	100	11k	XC§	BX	M308b
32#	3520-6	500	1.2k△	40B	150m	3.5	80mØ	50m	125J	2.0	1.7k	6.5u	600	100u	100	6.9k	XC§		
33#	T21F35	525	16	40A	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20u	20	200	XA§		S242
34#	T31F35	525	26	40A	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	600	XA§		S243
35#	CS4-450	540	7.4		40m	3.0	30m	3.5m	100J	1.5	4.0					80	XA§	AF	S131a
36#	MA102E	540	235	85C	300m§	150m	400m§	20m	80	1.5 §	600	4.5u	200	30u	200	3.5k§*	XA☑	BX	SC39
37	SCRJL55	550 ☑	1.0	25C	50m	2.0	50m	4.0m	100C	1.5	1.0	2.0u§	1.0	30u§		60 §	XA§	AD	AX5
38	SCRFL55	550 ☑	1.7	80C	15m	2.0	50m	.90m	125C	1.2 △	1.0	2.0u§	1.0	12u§		60 §	XC§		AX5
39	SCRL55	550 ☑	1.7	80C	15m	2.0	20m	.90m△	125C	1.2 △	1.0	1.3u§	1.0	15u§		60 §	XC§		AX5
40	SCR355	550 ☑	4.0	80C	10m	2.0	25m	1.0m△	125C	2.0 △	3.0	1.3u§	1.0	15u§		60 §	XF§	AF	SC6
41#	CRS3/50	550	4.5	90B	20m	3.0	25m	1.0m△	125J	1.3	4.5	2.0u	3.0	17u	15	55	XC§	AF	TO64
42	SCR555	550 ☑	7.0	60C	15m	2.0	25m	1.0m	125C	1.9 △	15	1.0u§	10	15u§		100 §	XC§	AF	SC17
43	SCRF555	550 ☑	7.0	60C	25m	2.0	50m	1.0m	125C	1.9 △	15	2.0u§	10	12u§		100 §	XC§	AF	SC17
44	SCRJ55	550 ☑	7.0	75C	25m	2.5	50m	2.0m△	105C	2.0 △	15	3.0u§	5.0	30u§		600 §	XA☑	AF	SC17
45	SCR555A	550 ☑	7.0	110C	15m	2.0	25m	1.0m△	150C	1.9 △	15	1.0u§	10	15u§		100 §	XF§	AF	SC17
46	SCR855	550 ☑	16	25C	75m	3.5	100m	6.0m△	100C	3.0	50	3.0u§	10	30u§		150 §	XA§	AF	TO48
47	SCR1655	550 ☑	35	25C	40m	3.0	50m	2.0m△	125C	2.0	50	1.5u§	10	20u§		200 §	XC§	AF	TO48
48	SCR1655A	550 ☑	35	25C	40m	3.0	50m	2.0m△	125C	2.0	50	1.5u§	10	20u§		250 §	XC§	AF	TO48
49	SCRF1655	550 ☑	35	25C	40m	3.0	100m	2.0m△	125C	2.0	50	2.0u§	10	12u§		200 §	XC§	AF	TO48
50#	CRS25/50	550	45	50B	50m	3.0	50m	10m△	110J	1.2	45	2.0u	25	30u	10	500	XB§	AF	TO65
51#	CRS70-50	550	110	70B	50m	3.0	60m	20m△	125J	1.2	110	2.0u	70	30u	10	1.4k	XC§	AF	TO49
52#	CS30-400	560	30 Ø		100m	3.0	30m			1.8	90				10	500			
53	C506M	600			220m	5.0	500m	10m	25C				300	40u§	200 §		XC§	BR	MU20
54#	TD6001J	600	600m	25A	20m	3.0	40mØ	1.0m	125J	2.0	1.0	1.5u§	500m	15u§	50 Ø§	12			RD1a
55	TI145A6	600	750m	60C	50m	4.0	50m	1.0m	100J	2.0	750m					30 §	XA☑		TO5
56	TI1937	600	850m	80§						1.1	850m					30	XC☑		A85a
57#	TD6001S	600	1.0	25C	.30m	5.0	.30mØ	1.0m	100J	2.0	.75	1.5u	.60	40u		12	XA*		TO5
58	SCRJL60	600 ☑	1.0	25C	50m	2.0	50m	4.0m	100C	1.5	1.0	2.0u§	1.0	30u§		60 §	XA§	AD	AX5
59	TI1599-6	600	1.0	80§						2.0	1.0					30	XF☑		TO5
60	SCR16A	600 ☑	1.1	25C	15m	2.0	20m	900u△	125C	1.2 △	1.0	1.0u§	30	20u§		60 §	XC§		AX5
61	SCRF16A	600 ☑	1.1	25C	15m	2.0	50m	.90m△	125C	1.2 △	1.0	2.0u§	1.0	6.0u§		60 §	XC§		AX5
62	TI140A6	600	1.1	60C	50m	4.0	50m	1.0m	100J	2.0	1.1					60 §	XA☑		A85a
63	SCR160	600 Ø	1.6	85C	10m	3.0	25m	1.0m△	125J	2.0 △	1.0	1.4u§	1.0	20u§		60 §	XF%		TO5
64	SCRFL60	600 ☑	1.7	80C	15m	2.0	50m	.90m	125C	1.2 △	1.0	2.0u§	1.0	12u§		60 §	XC§		AX5
65	SCRL60	600 ☑	1.7	80C	15m	2.0	20m	.90m△	125C	1.2 △	1.0	1.3u§	1.0	15u§		60 §	XC§		AX5
66#	TM6004	600	2.5	25A	25m	3.0	30mØ	3.0m	110J	2.0	8.0	2.0u§	1.0	60u§	50 Ø§	50		AF	SC22d
67	UCR60L	600 △	2.5	25A	50m		50m			1.2	3.0	400n	30	15u	250	60	XC§		AX7
68#	CR3E12	600 Ø	3.0	95C	20m	2.0		1.5m	125J	1.2 †	3.0					50	XC§		C115
69#	BStC0240	600	3.5	72B	40m	2.0	100m	2.8m	125J	1.7	11				50 §	70	XC§		MU23
70	TI40A6	600	4.0	60S	50m	4.0	50m	1.0m	100J	2.0	4.0					75 §	XA%	AF	SC6
71	SCR360	600 ☑	4.0	80C	10m	2.0	25m	1.0m△	125C	2.0 △	3.0	1.3u§	1.0	15u§		60 §	XF§	AF	SC6
72	SCR36A	600 ☑	4.0	80C	15m	2.0	25m	1.0m△	125C	2.0 △	3.0	1.0u☑	60			60 §	XC§	AF	SC6
73	SCRF36A	600 ☑	4.0	80C	15m	2.0	50m	1.0m△	125C	2.0 △	3.0	2.0u§	1.0	6.0u§		60 §	XC§	AF	SC6
74#	CS3-06go1	600	4.0	85C	10m	2.0	20m	1.0m	125	1.6	10			60u	200	41	XC§		M867
75#	T3N6C00	600	4.0	100B	20m	3.0	25m			1.2	3.0	2.0u	3.0	17u	15	55	XC§	AF	SC6
76#	T3N600	600	4.5	85C	20m	3.0	25m	1.0m	125J	1.5	10	5.0u☑	3.0	25u		55	XC§		M350
77	TI1779	600	4.7	60§						800m	4.7					60	XC☑	AF	SC6
78	207M	600 ☑	4.7	65C	50m	5.0	20m			1.6	10						XA		S114a
79	2N1606	600	4.7	80C§	10m					2.0	3.0					75	XF☑	AF	SC3
80	3RC60	600 ☑	4.7 △	92C	15m	2.0	5.0mØ	1.0m	105C	2.0	9.4 †					30 △	6A§	AF	TO64
81	206M	600 ☑	4.7	105	30m	2.0	50m	2.0m	105	1.6	2.0	4.0u§	2.0	8.0u	50 §	30	XA		
82#	2SF448	600	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0					90	XA§	AF	SC22b
83#	2SF448A	600	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0		5.0	15u☑	100 △	90	XA§	AF	SC22b
84	CS5-600	600	5.0	85C	30m	3.0	50mØ			1.2	15		20	60u§	200	110 §	XC§		
85#	CR5-602B	600 †	5.0	125C	80m	3.0	150m	5.0m	125C	3.0	5.0	2.0u	5.0	12u	20		XC☑	AF	TO48
86#	TM6010	600	6.0	25A	40m	3.0	40mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	SC22d
87#	TP6004	600	6.0	100C	40m	3.0	100m	3.0m		1.2	4.0	2.0u	4.0	30u	100 §Ø	80	XC☑	AD	S18a
88#	BTY79-600	600	6.4		25m	2.5	10mØ	2.5m	125	2.3	20	3.0u	10	15u	20	50	XC§		
89#	T6.5N600	600	6.5	85C	15m	3.0										120	XA§		
90	SCR56A	600 ☑	7.0	60C	20m	2.0	25m	1.0m△	125C	1.9 △	15	1.0u§	100	20u§		100 §	XC§	AF	SC17
91	SCRF56A	600 ☑	7.0	60C	20m	2.0	50m	1.0m△	125C	1.9 △	15	2.0u§	10	6.0u§		100 §	XC§	AF	SC17
92	SCRF560	600 ☑	7.0	60C	25m	2.0	50m	1.0m	125C	1.9 △	15	2.0u§	10	12u§		100 §	XC§	AF	SC17
93	SCRJ60	600 ☑	7.0	75C	25m	2.5	50m	2.0m△	105C	2.0 △	15	3.0u§	5.0	30u§		600 §	XA☑	AF	SC17
94#	TAG7-600R	600	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0					100	XA		S276
95#	TAG7S600R	600	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0			12u§		100	XA		S276
96#	BTX31-600R	600	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0					100	XC		S276
97#	BTX31S600R	600	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0			12u§	100	100	XC		S276
98#	BTX71-600R	600	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	20u	100	100	XC		S276
99#	BTX71S600R	600	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	12u§	100	100	XC		S276
100	208M	600	7.0	100C	15m	2.0	80m§Ø	2.0m	125J	1.8	15					60	XC§		
101	SCR560A	600 ☑	7.0	110C	15m	2.0	25m	1.0m△	150C	1.9 △	15	1.0u	10	15u§		100 §	XF§	AF	SC17
102	5RC60	600 ☑	7.4 △	60C	15m	2.0	5.0mØ	1.0m	105C	1.9	15 †	2.5u	60		20	60 △	6A§	AF	TO64
103#	SF5J11	600	8.0	24	20m	2.0		2.0m	125J	2.0	20					60	XC§	AF	SC22a
104#	CS8-600	600	8.0	85C	30m	3.0	50mØ			1.3	24		20	60u§	200	170 §	XC§		
105#	SH5J11	600	8.0	90C	30m	2.5	50m	4.0m	125J	2.0	20	6.0u	10	10u	100 △	80	XC§	AF	SC22a
106#	2SF330A	600	8.0	108	20m	2.0		2.0m	150J	2.0	20					60	XF§	AF	SC22a
107#	BTX64-600R	600	8.5	85B	65m	3.5	10mØ§	5.0m	125J	3.0	50	400n	10	10u	120	140 *	XC§	AF	TO48
108#	TP6006	600	9.0	100C	40m	3.0	100m	3.0m		1.2	6.0	2.0u	6.0	30u	100 §Ø	100	XC☑	AD	S18a
109#	CR10B12	600	10	59C	30m	2.5		3.0m	100J	1.6	30					150 △	XA§	AF	SC69
110#	2SF451	600	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10					90	XA§	AF	SC22b

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	2SF451A	600	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10		10	15u☑	100 △	90	XA§	AF	SC22b
2	10RC60	600 ☑	10	65C	15m	2.0	10mØ	2.5m	105C	2.3	10					125	6A§	AF	TO48
3#	TAG10-600R	600	10	65C	30m	3.0	30m	5.0m	105J	1.8	10					120	XA		S276
4#	TAG10S600R	600	10	65C	30m	3.0	30m	5.0m	105J	1.8	10			12u§		120	XA		S276
5	RTV0160	600	10	65C	50m	3.0	200m	2.0m	100	2.5	30	.20u	10		100	100	XA☑	AF	SC18
6	RTV0460	600	10	65C	50m	3.0	200m	2.0m	125	2.5	30	.20u	10		100	100	XC☑	AF	SC18
7#	CR10EY12	600	10	66C	40m	2.5		4.0m	125J	2.5	30		10	15u☑	100 △	140 △	XC§	AF	SC69
8#	CR5-6029B	600	10	70C	80m	3.0	20mØ	10m	100C	2.0	16	2.0u	20	4.0u☑	20	90	XC		
9#	CR6-703RB	600	10	70C	80m	3.0	28mØ	5.0m†	100C	2.0	16	2.3u	20	80u	20	100	XC		
10#	CR6-703RBA	600	10	70C	80m	3.0	28mØ	5.0m†	100C	2.0	16	2.3u	20	80u	200	100	XC		
11#	BTX32-600R	600	10	85C	25m	3.0	25m	5.0m	125J	1.8	10					120	XC		S276
12#	BTX32S600R	600	10	85C	25m	3.0	25m	5.0m	125J	1.8	10			12u§		120	XC		S276
13#	BTX72-600R	600	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	20u	100	120	XC		S276
14#	BTX72S600R	600	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	12u§	100	120	XC		S276
15	NL516M	600	10	100J	80m	3.5	20mØ	2.5m	25	2.5 Ø	30	3.0u	10	12u		125	XA	AF	TO48
16#	CR10-602B	600 †	10	125C	80m	3.0	150m	5.0m	125C	2.0	10	2.0u	10	30u	20		XC☑	AF	TO48
17#	2SF716	600	11	50B	40m	3.0		4.5m	100J	2.8	50					100	XC		
18#	CS22R	600	11.7	80B	50m	2.5	25m	10m	100	2.2	30	2.0u		20u	20	125	XA§		S159
19	UCR60	600 △	12	55C	50m		50m			1.2	3.0	400n	30	15u	250	60	XC§		SC55
20#	2SF454	600	12	61C	50m	3.5	15mØ	3.0mØ	100	1.4	12					150	XA§	AF	SC15a
21#	2SF454A	600	12	61C	50m	3.5	10mØ	3.0mØ	100	1.4	12		12	15u☑	100 △	150	XA	AF	SC15a
22#	BTX65-600R	600	12	85B	65m	3.5	10mØ§	5.0m	125J	2.0	50	400n	10	10u	120	200	XC§	AF	TO48
23#	CR10-6029B	600	12	85C	80m	3.0	20mØ	10m	125C	2.0	5.0	2.6u	32	4.0u☑	20	120	XC		
24#	BStD0240	600	13.5	74C	60m	2.5	120m	2.0m	115J					150u§	20 §	140	XB§	AD	SC4b
25#	CR12-703RB	600	14.5	75C	60m	3.0	28mØ	5.0m†	125C	2.0	32	2.3u	20	85u	20	160	XC		
26#	CR12-703RBA	600	14.5	75C	60m	3.0	28mØ	5.0m†	125C	2.0	32	2.3u	20	85u	200	160	XC		
27	204M	600 ☑	15	105J	50m	2.0	50m	2.0m	105	1.6	15	6.0u§	15	10u	35 §	125	XA	AF	S121a
28#	BTX95-600	600	15 Ø	125B§						3.0	10	375							
29	SCR860	600 ☑	16	25C	75m	3.5	100m	6.0mΔ	100C	3.0	50	3.0u§	10	30u§		150 §	XA§	AF	TO48
30	3001F	600	16	25B	80m	3.5 §	10mØ	2.5mØ	35C	2.0	10	1.4u		15u		125	XA§	AF	TO48
31	TSC36M	600	16	25	150m	3.5	20mØ	2.0m	100J	2.0	10	1.4u		15u	10	125	XA§	AF	TO48
32#	SF10J11	600	16	26S	80m	3.5		5.0m	100J	3.0	50					113	XA§	AD	SC4
33#	T21F40	600	16	40A	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20u	20	200	XA§		S242
34	NCF600E	600	16	57B	80m	3.5		22mØ	100J	1.3 Ø	10			12u☑		125	XA§	AF	
35	202M	600	16	58C	80m	3.5	10m§Ø	5.0m	100J	1.6	10					125	XA§	AF	TO48
36#	2SF216	600 ☑	16	62B	40m	3.0	10mØ	4.0mØ	105J	2.3 △	10	3.0u	10	12u§	20 §	125 *	XA§	AF	TO48
37#	BTW30-600	600	16	65B§			200m	13m	125J	5.0	50 †	2.0u	50	12u	200	150 *	XC§	AF	TO48
38	RTV0360	600	16	65C	25m	2.0	50m	1.0m	100	2.0	50	.20u	16		100	150	XA☑	AF	SC18
39	RTV0660	600	16	65C	25m	2.0	50m	1.0m	125	2.0	50	.20u	16		100	150	XC☑	AF	SC18
40	RTV0260	600	16	65C	50m	3.0	200m	2.0m	100	2.5	50	.20u	16		100	150	XA☑	AF	SC18
41	RTV0560	600	16	65C	50m	3.0	200m	2.0m	125	2.5	50	.20u	16		100	150	XC☑	AF	SC18
42	T400061006	600	16 △	75	80m	3.0	100m	3.0m	125J	2.3	30				100	150	XC§	AF	TO48
43#	CS16-600	600	16	85C	80m	3.0	50mØ			1.3	48		.20	60u§	200	350 §	XC§		
44	T408061006	600	16 △	87	80m	3.0	100m	5.0m	125J	1.5	10				25	125	XC§	AF	TO48
45	203M	600	16	92C	80m	3.7	8m§Ø	5.0m	100J	1.6	10					125	XA§	AF	TO48
46#	CR16-602B	600 †	16	125C	40m	3.0	120m	5.0m	125C	2.0	16	2.0u	10	20u	20		XC☑	AF	TO48
47#	T14F600C	600	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		SC7b
48#	T14F600E	600	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		MU5
49#	T14N600	600	17	85C	50m	3.0	40m	10m	125J	2.5	50	1.5u☑	10	20u		200	XC§		M351
50#	2SF211	600 ☑	19	50B	40m	3.0		5.0m	100J	2.0	50					150	XA§	AF	SC15
51#	CS21R	600	19	70B	50m	2.5	25m	10m	100	2.2	50	2.0u		20u	20	200	XA§		S159
52#	T15N600C	600	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		SC7b
53#	T15N600E	600	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		MU8
54#	CS32R	600	19.5	75B	50m	2.5	25m	20m	100	1.8	50	2.0u		20u	20	360	XA§		S80
55#	BTX12/600R	600	20	25§	50m	3.0	40m§			3.5 §	175	4.0u§	10	10u§	20 §	250	XC§	AF	SC34
56#	TAG20-600R	600	20	45C	50m	3.0	50m	5.0m	105J	1.8	20					150	XA		S276
57#	TAG20S600R	600	20	45C	50m	3.0	50m	5.0m	105J	1.8	20			12u§		150	XA		S276
58#	CR20A12	600	20	57C	50m	3.0		3.0m	100J	1.8	60					300 △	XB§	AF	SC15a
59#	2SF457	600	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20					300	XA§	AF	SC15a
60	2SF457A	600	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20		20	15u§	100 △	300	XA§	AF	SC15a
61	MCR2918-8	600 △	20 △	63C	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240 △	XA§	AF	SC18
62	BTX33-600R	600	20	65C	50m	3.0	50m	5.0m	125J	1.8	20					150	XC		S276
63#	BTX33S600R	600	20	65C	50m	3.0	50m	5.0m	125J	1.8	20			12u§		150	XC		S276
64#	CR16-6029B	600	20	75C	60m	3.0	7.0mØ	10m	125C	2.0	50	2.5u	50	4.0u☑	20	160	XC		
65#	BTW92-600R	600	20	85B	150m	3.5	200m	13m	125J	2.3	50	2.0u	10	100u☑	300	320	5C§	AF	SC22e
66#	BTX92-600R	600	20	85B	150m	3.5	200m	13m	125J	2.3	50	2.0u	10	100u☑	300	320	XC§	AF	TO48
67	MCR2818-8	600 △	20	100J	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240	XA§	AD	RD21
68	MCR2819-8	600 △	20	100J	40m	1.5	50m	5.0m	100J	1.5	20	1.0u	20	15u	50 Ø§	240	XA§	AF	SC18
69#	SIT18-600	600	20.5	90B	50m	3.0	8.0mØ			1.8	30	2.6u	10	15u	25	300	XC§	AF	M329
70#	T30/600	600	21	20	100m	3.0	20mØ			1.5	100				200	550	XC		M351
71#	2SF726	600	22	64B	40m	3.0		4.5m	125J	2.0	50				100	150	XC§	AD	SC4b
72#	BTW31-600	600	22	65B§			200m	13m	125J	2.9	50 †	2.0u	50	20u	200	225 *	XC§	AF	TO48
73	TR6015	600	22	70C	25m	3.0	200m	3.0m	125J	2.0	30	1.5u	5.0	40u	40 Ø	250	XC☑	AF	TO48
74	CS22-600	600	22	85C	100m	3.0	80mØ			2.1	70		.20	65u§	50	400 §	XC§		
75#	CR18-703RB	600	23	70C	40m	3.0	28mØ	5.0m†	125C	2.1	57	2.3u	20	85u	20	180	XC		
76#	CR18-703RBA	600	23	70C	40m	3.0	28mØ	5.0m†	125C	2.1	57	2.3u	20	85u	200	180	XC		
77#	T18F600	600	23	85C	50m	3.0	40m	10m	125J	2.3	60	1.5u☑	15	6.0u☑		300	XC§		M353
78#	T18F600C	600	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		SC7b
79#	T18F600E	600	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		MU9
80#	BTZ16	600	24	125J	50m	3.0	30	5.0mΔ	125J	2.1	50	3.0u	15	20u	25	350	XC§		S34
81	T400061606	600	25 △	45	80m	3.0	100m	3.0m	125J	2.3	50				100	250	XC§	AF	TO48
82#	2SF218	600 ☑	25	55B	40m	2.0	10mØ	4.0mØ	125J	2.2 △	16	3.0u	10	15u§	20 §	150 *	XC%	AF	TO48
83#	SF16J11	600	25	57S	40m	3.0		5.0m	125J	1.9	50					135	XC§	AD	SC4
84	201M	600	25	60C	40m	3.0	8m§Ø	5.0m	125J	2.0	50					150	XC§	AF	TO48
85#	BTX73-600R	600	25	60C	40m	3.0	50m	13m	125J	2.0 △	50	1.4u	10	20u	100	150	XC		S276
86#	BTX73S600R	600	25	60C	40m	3.0	50m	13m	125J	2.0 △	50	1.4u	10	12u§	100	150	XC		S276
87#	SH16J11	600	25	60C	50m	3.0	70m	6.0m	125J	1.9	50	6.0u	32	10u	100 △	135	XC§	AF	SC72
88	16RC60	600 ☑	25 △	65C	40m	2.0	20mØ	2.5mØ	125J	2.0 †	50		10	15u§		150 △	XC§	AF	TO48
89#	T31F40	600	26	40A	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	600	XA§		S243
90#	T18/600	600	28	20	50m	3.0	8.0m			1.8	65				25	200	XC		M353
91#	T22N600	600	28	85C	100m	3.0	80m	10m	125J	1.9	60	2.5u☑	20	80u		400	XC§		M353
92#	T22N600C	600	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		SC7b
93#	T22N600E	600	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		MU9
94#	BTX13-600R	600	30	25§	50m	3.0	40m§			3.5 §	250	4.0u§	10	6.0u§	20 §	300	XC§	AF	SC34
95#	BTW24-600	600	30	85B§			200m	18m	125J	2.1	100 †	2.0u	100	100u	200	600 *	XC§		
96#	CR30-06	600	30	90C	60m	3.0		3.0m	125C	1.6 †	90					350 §	4C§	AF	SC61
97#	CS31R	600	32	70B	50m	2.5	25m	20m	100	1.8	80	2.0u		20u	20	580	XA§		S80
98#	BTX66-600R	600	32	85B	80m	3.0	10mØ§	12m	125J	3.3	500	500n	50	15u	40	680 *	XC§	BX	TO94
99#	SIT30-600	600	34	90B	100m	3.0	20mØ			1.4	50	6.0u	25	20u	25	800	XC§	AF	M329
100	NL-C40E	600	35	20C	40m	3.0								12u	20		XC§	AF	TO48
101	SCR166A	600 ☑	35	25C	25m	2.0	50m	2.0mΔ	125C	2.0	50	1.0u§	200	20u§		200 §	XC§	AF	TO48
102	SCRF166A	600 ☑	35	25C	25m	2.0	100m	2.0mΔ	125C	2.0	50	20u§	10	6.0u§		200 §	XC§	AF	TO48
103	SCR1660A	600 ☑	35	25C	40m	3.0	50m	2.0mΔ	125C	2.0	50	1.5u§	10	20u§		250 §	XC§	AF	TO48
104	SCRF1660	600 ☑	35	25C	40m	3.0	100m	2.0mΔ	125C	2.0	50	2.0u§	10	12u§		200 §	XC§	AF	TO48
105	T400062206	600	35 △	40	80m	3.0	100m	3.0m	125J	2.3	70				100	360	XC§	AF	TO48
106	T408062206	600	35 △	40	80m	3.0	100m	5.0m	125J	2.0	50				25	150	XC§	AF	TO48
107	NL571M	600	35	62C	40m	2.5	.10	5.0m	125J	1.5	50	1.4u	5.0	30u	200	600	XB§	AF	TO48
108#	35T7	600	35	80B	150m	.25	150m	10m†		2.2 †	110					630	XC∅	AF	S63b
109	MCR2835-8	600 △	35	100J	40m	1.5	50m	5.0m	100J	1.5	35	1.0u	35	15u	50 Ø§	325	XA§	AD	RD21
110	MCR2935-8	600 △	35	100J	40m	1.5	50m	5.0m	100J	1.5	35	1.0u	35	15u	50 Ø§	325	XA§	AF	SC18

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	CR30-604A	600	36	25	60m	3.0	66m			1.4	30		30	20u		500	XC	AF	TO49
2#	CS15-500	600	38	70B	70m§	3.0	8.0mØ	10m	125J	1.8	65	1.2u	50	20u	25 §	250	XC§		S34
3#	CS15-500A	600	38	70B	70m§	3.0	8.0mØ	10m	125J	1.8	65	1.2u	50	12u	200 §	250	XC§		S34
4#	CR30-704DA	600	38	70C	80m	3.0	20mØ	10m†	125C	2.5	100	20u	100	8.0u☑	20	660	XC	AF	TO49
5#	BStF0340	600	40	51C	50m	3.0	120m	10m	125J					12u§	50 §	300	XC§	AF	SC18e
6#	BStF0540	600	40	78C	100m	2.0		5.0m	120J					150u§	50 §	320	XC§	AD	SC4c
7#	CR24-703RB	600	40	80C	40m	3.0	28mØ	5.0m†	125C	1.4	50	2.3u	20	85u	20	320	XC		
8#	CR24-703RBA	600	40	80C	40m	3.0	28mØ	5.0m†	125C	1.4	50	2.3u	20	85u	200	320	XC		
9#	BTX44-600R	600	40	80C	100m§	150m	100m§	20m	80C	1.8 §	110					750 §*	XB☑	AF	S189a
10#	CS40-600	600	40	85C	80m	3.0	50mØ			1.7	120		2.0	50u§	500	800 §	XC§		
11#	T30F600	600	40	85C	100m	3.0	80m	10m	125J	1.8	100	2.0u☑	25	10u☑		800	XC§		M351
12#	T30F600C	600	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u☑	25	25u§	50 §	800 §	XC§		SC7b
13#	SKT45/06F	600	45	85	.10	3.0	.13			1.6	135	10u	135	20u	50	700	X8		
14	NLE45M	600	45	89C	70m	2.5	.10	4.0m	125J	3.0	500	5.0u	50	30u	100	1.2k	XC§	AF	TO83
15	NLE46M	600	45	89C	70m	2.5	.10	4.0m	125J	3.0	500	5.0u	50	30u	100	1.2k	XC§	BX	TO94
16#	SKT46/06	600	45	105	.10	3.0	.13			1.6	135	10u	135	50u	50	700	XA		
17#	CR50-06	600	50	80C	80m	3.0		7.0m	125C	1.6 †	150					950 §	4C§	BX	SC42d
18#	BTW24-600R	600	50	85B	150m	2.5	200m	18m	125J	2.1	100	2.0u	100	100u	200	600	5C§	AF	SC93
19#	T50/600	600	51	20	100m	3.0	20mØ			1.5	100				200	550	XC		M349a
20	C146M	600	55 △		100m	3.0								40u☑			XC*		SC41
21#	33T7	600	55	72B	200m	3.0	150m	10m	100J	2.2	110					520	XCØ		S266a
22	209M	600	55	85C	70m	3.0	10m§Ø	10m	125J	1.4	35					700	XC§	AF	SC16
23	35RE60	600	55	85C	110m	2.5	500m	5.0m	125J	2.2	110				10 §	700 △	XC§	AF	TO49
24	TSC45E	600	55	85	125m	3.0	100m	4.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	SC8
25	TSC46E	600	55	85	125m	3.0	100m	4.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	TO49
26	TS555E	600	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	TO49
27	TS556E	600	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	SC8
28	NLF45E	600	55	89C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50	30u§	100 §	1.2k	XC§	AF	TO83
29	NLF46E	600	55	89C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50	30u§	100 §	1.2k	XC§	BX	TO94
30	NL555E	600	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO49
31	NL556E	600	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO83
32	NL548M	600	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	15u§	100 §	1.2k△	XC§	AF	TO83
33	NL549M	600	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	20u§	100 §	1.2k△	XC§	AF	TO83
34	NL551M	600	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	15u§	100 §	1.2k△	XC§	BX	TO94
35	NL552M	600	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	20u§	100 §	1.2k△	XC§	BX	TO94
36	213M	600 ☑	55	125J	110m	4.0	10mØ	10m	125	1.7	35	1.5u§	50	15u§	100 §	500		AF	SC3a
37#	BStG0340	600	60	40A	300m§	2.0	180m§	10m	105J	1.6 §	29	5.0u	38	40u	200	545	XA§	AF	S189C#
38#	SIT50-600	600	60	90B	100m	3.0	20mØ			1.5	60	6.5u	50	25u	25	800	XC§	BX	M330
39#	BTX67-600	600	62	85B	80m	3.0	10mØ	12m	125	2.5	500	500n	50	15u		900 *	XC		
40#	BTX67-600R	600	62	85B	80m	3.0	10mØ§	12m	125J	2.5	500	500n	50	15u	40	900	XC§	BX	TO94
41#	T50F600	600	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.0u☑	25	30u§	50 §	800 §	XC§	BX	M330b%
42#	T50N600	600	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.5u☑	25	80u§	20 §	800 §	XC§	BX	M330b%
43#	CR50-604A	600	64	25	100m	3.0	73m					5.5u	50	20u		600	XC	AF	TO49
44#	BStG0240	600	65	40A	300m§	2.0	180m§	10m	105J	1.3 §	40	5.0u	42	150u	200	690	XA§	AF	S189C#
45#	CS65-600	600	65	85C	80m	3.0	50mØ			1.3	200		2.0	50u§	500	1.2k	XC§		
46#	CR50-704DA	600	66	75C	60m	3.0	32mØ	10m†	125C	1.7	150	5.5	150	8.0u☑	20	760	XC	AF	TO49
47#	BTW23-600R	600	70		200m	3.5									100	1.5k	XC§	AF	TO49
48#	CR70B12	600	70	74C	70m	3.0		6.0m	125J	1.7	220				10 △	1.5k△	XC§	AF	SC34b
49#	BTW23-600	600	70	85B§			200m	13m	125J	2.5	500 †	2.5u	100	200u	200	1.5k*	XC§		
50#	SKT70/06F	600	70	85	.15	3.0	.15			1.6	210	10u	210	25u	50	1.5k	X8		
51#	SKT71/06	600	70	105	.15	3.0	.15			1.6	210	10u	210	70u	50	1.5k	XA		
52#	BTX24	600 Ø	78	70C	100m	300m	100m	20m	70C	2.0	150					500 §	X9	AF	TO49
53#	BTX29-600R	600	78 △	110J	100m	3.0	100m§	10m	110J	1.7 §	150	5.0u§	50	100u	100 Ø§	1.1k*	XB§	AF	S189a
54#	2SF427	600	79	25S	150m	3.5		11m	100J	2.8	250					600	XA		S136
55#	CR31-704DA	600	80	55C	60m	3.0	38mØ	10m†	125C	1.7	100	5.7u	100	8.0u☑	20	700	XD§	AF	TO49
56#	2SF416	600 ☑	80	78B	100m	3.5		10m	125J	2.3	500					1.0k	XC§	AF	SC34b
57#	CS42-600	600	82	40	110m	2.0	200m	15m	115	1.9	180				200	900	XB§		
58#	T70F600EEB	600	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	20u☑	50	2.4k§	XC§		MU6
59#	T70F600EEC	600	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	20u☑	400	2.4k§	XC§		MU6
60#	T70F600EGB	600	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	30u☑	50	2.4k§	XC§		MU6
61#	T70F600EGC	600	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	30u☑	400	2.4k§	XC§		MU6
62#	CS41R	600	85	70B	100m	2.5	60m	20m	100	2.2	220	2.0u		20u	20	1.0k	XA§		M129
63#	SKT90/06F	600	90	85	150m	3.0	150m			1.4	270	10u	270	25u	50	2.0k	X8		
64#	SKT91/06	600	90	105	150m	3.0	150m			1.4	270	10u	270	70u	50	2.0k	XA		
65#	BTY25	600	90	125J	80m	3.0	100m	10m△	125J	2.0	200	8.0u	50	20u	25	1.8k	XC§		M52
66#	BTX51-600R	600	95	85B	70m	3.0	10m§Ø	13m	125J	2.1	500	3.0u	50	20u	10	900	XC§	AF	TO49
67#	CR100-06	600	100	90C	100m	3.0		7.0m	125C	1.8 †	350					1.2k§	4C§	BX	SC42c
68#	SIT95-600	600	103	90B	200m	3.0	25mØ			1.6	200	8.0u	50	30u	25	1.8k	XC§	BX	M331
69#	10TC60B	600	110	30C	60m	3.0	20m			1.5	110	3.0u	110	25u	20	1.1k	XA§	BX	SC32
70	TIC02	600	110	55C	125m	3.0		15m	125C	2.3	110				200	1.0k	XC☑	AF	TO49
71	809K	600	110	58B	2.0m	10	10m	10m	125J	1.3	50	1.8u		16u		1.0k	XC§	AF	SC3a
72	70RE60	600 §	110	60C	70m	2.0	15mØ	2.5mØ	125J	1.8	220					1.0k△	XC§	AF	TO49
73	70RE60A	600 §#	110	60C	70m	2.0	15mØ	2.5mØ	125J	1.8	220					1.0k△	XC§	AF	TO49
74#	2SF219	600 ☑	110	60B	70m	2.5	10mØ	2.5mØ	125J	1.9 △	70	4.5u	50	20u§	20 §	1.0k*	XC%	BX	SC10
75#	70RC60	600	110	60B	70m	2.5	10m△	2.5m	125B	1.8	70	4.5u	50	20u		1.0k	XCØ	BX	SC10
76	70RC60A	600 ☑	110	60B	70m	2.5	20mØ	3.0mØ	125J	1.8 △	220	4.5u§	50	20u§		1.0k§	XC§	AF	TO49
77	70RCF60A	600 ☑	110	60B	70m	2.5		3.0mØ	125J	1.8 △	220		50	20u§		1.0k§	XC§	AF	TO49
78	TSC150E	600	110	60	200m	3.0	500m	10m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	TO49
79	TSC152E	600	110	60	200m	3.0	500m	10m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	SC8
80	ZJ260M	600	110	62C	125m	3.0	500m	9.0m	25C	3.4 △	500	8.0u§	5.0	50u§	200	1.0k§	XC§	BX	SC10
81	NL-C151M	600	110	70C	150m	3.0	500m	20m	125J	3.5	500	8.0u	50	50u	200	1.0k	XC§	AF	TO49
82	NL-C153M	600	110	70C	150m	3.0	500m	20m	125J	3.5	500	8.0u	50	50u	200	1.0k	XC§	AF	TO83
83	NL-C55E	600	110	78C	70m	3.0	100m	4.0m	125J	2.5 †	500	5.0u	50	20u	100	1.0k	XC§	AF	TO49
84	NL-C56E	600	110	78C	70m	3.0	100m	4.0m	125J	2.5 †	500	5.0u	50	20u	100	1.0k	XC§	AF	TO83
85	NLE151M	600	110	80C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	50u	200	1.4k	XC§	BX	TO94
86	NLE153M	600	110	80C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	50u	200	1.4k	XC§	AF	TO83
87#	SKT110/06F	600	110	85	.20	3.0	.20			1.4	330	10u	330	30u	50	2.5k	X8		
88	NLE150M	600	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	TO94
89	NLE152M	600	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	TO83
90	NLH150M	600	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	TO94
91	NLH152M	600	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	TO83
92#	SKT111/06	600	110	105	.20	3.0	.20			1.4	330	10u	330	80u	50	2.5k	XA		
93#	BTX45-600R	600	110 △	110J	100m	3.0	100m§	10m	110J	1.7 §	220	6.0 §	70	100	100 Ø§	1.2k*	XB§	AF	S189a
94	212M#1	600 ☑	110	125J	90m	3.0	10mØ	10m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	SC16
95	212M#2	600 ☑	110	125J	90m	3.0	10mØ	10m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	TO49
96#	T95F600	600	115	85C	100m	3.0	300m	30m	125J	1.8	300	2.5u☑	50	30u§	50 §	2.0k§	XC§	BX	MU6
97#	T100F600EEB	600	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	20u☑	50	3.2k§	XC§		MU6
98#	T100F600EEC	600	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	20u☑	400	3.2k§	XC§		MU6
99#	T100F600EFB	600	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
100#	T100F600EFC	600	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
101#	T100F600EGB	600	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
102#	T100F600EGC	600	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
103#	T180/600	600	120	20	400m	3.0	40m			1.2	500				200	3.5k	XC		M352a
104#	2SF422	600	126	53S	100m	2.0		11m	125J	1.8	250					900	XC		S136
105#	CS130-600	600	130	85C	150m	3.0	100mØ			1.5	400		.70	60u§	500	3.5k	XC§		
106#	SKT140/06F	600	140	85C	200m	3.0	200m			1.5	250			30u§	50	3.5k	XF*	BK	S260b
107#	T125N600	600	140	85C	250m	3.0	300m	50m	125J	1.8	500	3.0u☑	100	100u§	20 §	3.0k§	XC§	BX	M330c%
108#	SKT141/06	600	140	105C	200m	3.0	200m			1.5	250			80u	50	3.5k	XD*	BK	S260b
109#	T95/600	600	150	20	80m	3.0	25m			1.5	300				200	1.2k	XC		M352b
110#	TT6	600	150	60C	500m	3.0	300m	25m	100J	2.2	350	5.0u	15		20 §Ø	2.0k	XA☑	BX	SC36

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	101RE60M	600	160	80B	100m	2.0		4.0mØ	125	2.4 △	471				200	2.0k§	XC	BX	S91a
2#	CR608SA0707	600	165	85C	150m	3.5	50mØ	30m	125J	1.6	450			125u§	300u	3.0k	XC§	BK	RD48a
3#	SKT170/06F	600	170	85	.25	3.0	.20			1.2	510	10u	510	45u	50	6.0k	X8		
4#	SKT171/06	600	170	105	.25	3.0	.20			1.2	510	10u	510	100u	50	6.0k	XA		
5#	CR150B12	600	175	75C	300m	3.0		15mØ	125J	1.8 †	500 §					4.0k△	XC§	BX	SC42
6	228M	600	175	125J	300m	3.0		15m	125J	1.4	100	5.0u	100	40u	100	3.3k*	XC§	BC	MU15
7#	SIT180-600	600	180	90B	400m	3.0	40mØ			1.4	350	9.0u	100	50u	25	4.5k	XC§	BX	MU4
8#	T160N600	600	185	85C	250m	3.0	300m	50m	125J	1.8	500	6.0u☑	100	100u§	50 §	4.0k§	XC§	BX	M330d%
9#	BStL0240	600	190	40A	300m§	2.0	180m§	10m	115J	1.3 §	250	5.0u	120	150u	200	2.8k	XB§		S251#
10#	CS195-600	600	195	85C	150m	3.0	100mØ			1.6	600		.70	60u§	500	5.0k§	XC§		
11#	2SF316	600 ☑	200	62B	125m	2.5		15m	125J	2.1	1.0k					3.5k	XC§	BX	SC28
12	218M	600	200	80C	300m	4.0		15m	125J	1.3	100			40u	100	3.3k*	XC§	BX	TO93
13#	V2051K	600	200	90	125m	5.0		20m	125J	1.8	1.0k		200	25	100	4.0k	XC§	BC	M414b
14#	BTY16	600	200	125J	200m	3.0	200m	20m△	125J	2.0	600	15u	100	40u	25	3.5k	XC§		
15#	CR155-704NA	600	210	70C	150m	3.5	35mØ	30m†	125C	1.8	450			35u☑	100	2.1k	XC		M201
16#	T170F600	600	210	85C	250m	3.0	300m	50m	125J	1.6	500	3.0u☑	100	30u§	50 §	4.0k§	XC§	BX	M330c%
17#	T170N600	600	210	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	100u		4.0k	XC§		M352a
18#	SKT220/06F	600	220	85	.25	3.0	.20			1.0	660	10u	660	45u	50	7.0k	X8		
19#	SKT221/06	600	220	105	.25	3.0	.20			1.0	660	10u	660	100u	50	7.0k	XA		
20#	CR150-601A	600	235	25	150m	3.5	55m					6.5u	150	100u		3.3k	XC		M201
21#	CR150-602B	600	235	25	150m	3.5	55m					6.5u	150	20u		3.3k	XC		M201
22#	BStL0440	600	235	35C	300m	2.0	180m	10m	110J					20u§	50 §	2.5k	XA§		S251
23#	BStL0540	600	235	40C	300m	2.0	200m	10m	120J					250u§	50 §	2.3k	XC§		S251
24#	2SF220	600 ☑	235	55B	100m	2.5	50mØ	5.0mØ	125J	1.7 △	150	5.0u	100	25u§	4.0 §	3.0k*	XC§		S86
25	150RC60	600 ☑	235	55B	100m	2.5		5.0mØ	125J	1.7 △	471					3.0k§	XC§		S86
26#	2SF340	600	235	64	100m	2.0		8.0m	125J	1.5	500					3.2k	XC§		S136a
27	150RC60A	600 ☑	235	70B	100m	2.5	50m	5.0mØ	125J	1.4 △	471	7.0u§	150	30u§		3.0k§	XC§		S86
28#	CR150-601A3	600	235	75C	150m	3.5	35mØ	15m	25C	1.4	235	6.5u	400	100u	50 §	3.3k	XC☑		M201
29#	CR150-602A3	600	235	75C	150m	3.5	35mØ	15m	25C	1.4	450	6.5u	400	35u	20	3.3k	XC☑		M201
30#	CR150-602A4	600	235	75C	150m	3.5	35mØ	15m	25C	1.6	450	6.5u	400	35u	20		XC☑		M201
31#	CR150-602A5	600	235	75C	150m	3.5	35mØ	15m	25C	1.8	450	6.5u	400	35u	20		XC☑		M201
32#	CR150-602A6	600	235	75C	150m	3.5	35mØ	15m	25C	2.0	450	6.5u	400	35u	20		XC☑		M201
33	151RCF60A	600	235 △	80C	100m	2.5	50mØ	5.0mØ	125J	1.4 †	471	7.0m	50	30u§	10 △	3.5k△	XC§	BX	TO93
34	NL-C180E	600	235	80C	150m	3.0	500m	6.0mØ	125J	2.9 †	1.5k	8.0u	100		200 §	3.5k	XC§		TO93
35#	CR250B12	600	250	21A	350m	4.0		15mØ	125J	1.8 †	780 §				10 △	5.0k△	XC§	BX	M247a
36#	T20F600	600	250	55C	200m	2.5	50mØ	15m	25	1.5	450	5.0u		20u		3.5k	XC☑		M201
37	229M	600	250	125J	300m	3.0		15m	125J	1.3	100	5.0u	100	40u	100	5.0k*	XC§	BC	MU15
38#	CR253-705A	600	260	70C	150m	3.5	35mØ	30m	125	1.6	450				100 §	2.8k§	XF§		M201
39#	TY180NP6K2	600	260	70B	200m	3.5	50m	26m	125J	1.6	600	10u☑	500	20u☑	20 §	3.6k	XC§		
40#	TY180QP6K2	600	260	70B	200m	3.5	50m	26m	125J	1.6	600	10u☑	500	30u☑	20 §	3.6k	XC§		
41#	T220N600	600	260	85C	250m	3.0	300m	50m	125J	1.5	500	5.0u☑	100	120u§	50 §	5.0k§	XC§	BX	M330d%
42#	T260F600	600	260	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	50u§	50 §	4.0k§	XC§	BX	M330c%
43#	CR300A12	600	300	10A	350m	4.0		15mØ	125J	1.8 †	780 §				100 △	5.0k△	XC§	BX	M247a
44#	CR300AW12	600	300	11A	350m	4.0	30mØ	15m	125J	1.9 §	780			50 §	100 §	5.0k	4C	BX§	SC56
45	2231M	600	300	125J	300m	4.0		15m	125J	1.3 §	100	4.0u	100	30u	100	4.5k*	XC§	BX	SC1
46	2232M	600	300	125J	300m	4.0		15m	125J	1.3 §	100	8.0u	100	40u	100	4.5k*	XC	BX	SC1
47#	BStN0240	600	315	40A	300m§	2.0	180m§	10m	115J	1.4 §	520	5.0u	200	150u	200	6.9k	XB§		S251A#
48#	72T7	600	350	60B	300m	250m	400m	20m†		2.0 †	1.1k					5.4k	XCØ	BX	MU4a
49#	BStN1540	600	350	64C	300m	2.0	150m	15m	125J	1.9	1.0k				200 §	5.1k	XC		
50#	T300N600	600	350	85C	250m	3.0	200m	50m	125J	1.3	500	6.0u☑	200	120u		4.5k	XC§	AF	MU11
51#	T301N600	600	350	85C	250m	3.0	300m	50m	125J	1.3	500	6.5u☑	100	130u§	50 §	6.0k§	XC§	BX	M330d%
52	223M	600	370	25B	300m	4.0	25m§Ø	15m	125J	1.2 §	100			50u	50	5.0k*	XC§	BX	SC1
53#	250RC60	600	392		150m	2.0	40m	5.0m	125J	1.5	250	5.0u	100	100u	10	4.8k	XC§		
54#	BStN0340	600	400	20C	300m	2.0	180m	10m	115J					40u§	20 §	4.7k	XB§		S251a
55	222M	600	400	25§	300m§	4.0 §	25m§	15m	125J	1.2 §	100					5.0k	XC§	BX	SC1
56#	BStN0540	600	400	28C	300m	2.0	180m	10m	120J					250u§	50 §	5.1k	XC§		S251a
57	251RM60	600 ☑	400	60C	150m	2.5	500m	25m	125J	1.7 †	785		500	40u§	200 §	5.5k△	XC§	BX	TO108
58	250RA60	600 ☑	400 △	75C	150m	3.0	500m	25m	125J	1.7	785 †	100 ♦	250	60u§	100 §	6.5k△	4C§	BX	TO118
59#	FT500AW12	600	400	75C	350m	4.0		30m	125J	2.2	1.2k§		400	50u☑	200 △	7.0k△	4C§	BC	MU14
60#	BTX41-600R	600	400 △	110J	300m	2.5	150m	10m△	110J	1.5 §	600	20u☑	250	200u§	20 §	5.5k§	XB§	BX	SC39
61#	CR7K703A5	600	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
62#	CR7K703A45	600	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
63#	BStN2540	600	440	41C	300m	2.0	180m	10m	120J					250u§	50 §	5.1k	XC§	BX	SC57
64#	YST302QP6K3	600	450	70B	220m	3.5	100m	30m	125J	1.9	1.0k	4.0u☑	600	60u☑	200 §	7.4k	XC§	BB	MU68
65	C510M	600	450 △	125J	200m	5.0	500m	10m	25C	2.2 †	500		300	12u§	200 §	4.0k	XC§	BR	MU20
66#	CR7K703A4	600	460	65C	150m	3.5	55mØ	50m	125J	1.7	100	3.5u	600	180u	100	6.4k	XC§	BX	M308b
67#	300RC60	600	470		150m	2.0	40m	5.0m	125J	1.4	300	5.0u	100	100u	10	5.5k	XC§		
68	2SF496	600	470	62S	150m	3.0	200m	20m	125J	1.4	1.0k					5.0	XC	BX	SC10a
69	C29120M△	600	470	65C	150m	3.5	100m			1.2	500	5.0u	5.0		100 §	5.5k	XC§		S248
70	6RW71MY	600	470	65C	250m	3.1		10mØ	125J	.65 Ø	300				4.0	5.5k§	XC	AF△	SC19
71	C29120M☑	600	470	125J	150m	3.0	100m	15m	125J	1.2 †	500	5.0u	5.0	100u§	100 §	5.5k	XC§	BX	SC2
72#	CR7K703A35	600	480	65C	150m	3.5	78mØ	50m	125C	1.6	1.0k			180u		6.9k	XC%	BX	M308b
73#	CR7K703A3	600	500	65C	150m	3.5	78mØ	50m	125C	1.5	1.0k			120u		7.5k	XC%	BX	M308b
74#	YST301QP6K3	600	500	70B	220m	3.5	100m	30m	125J	1.9	1.0k	4.0u☑	600	20u☑	200 §	7.4k	XC§	BB	MU68
75#	CR807SB0707	600	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
76	350RB60	600	550 △	75C	150m	3.0	100m	25m	125J	1.4 †	1.1k	5.0u	250	50u§	100 △Ø	5.5k*	XC§	BX	TO118
77#	CR9K703A25	600	600	65C	150m	3.5	55mØ	50m	125J	1.3	1.0k	3.5u	600	180u	100	900	XC§	BX	M308b
78#	CR702SC0707	600	600	65C	150m	3.5	55mØ	50m	125C	1.3	1.0k	3.5u	600	180u	100	9.0k§	XC§	BK	RD48
79	C507M	600	625 △	125J	150m	4.0	100m	50m	125C	1.4	500	5.0u	25	100u☑	100	6.5k	XC§	BR	MU20
80	C508M	600	625 △	125J	150m	4.0	100m	50m	125C	1.3	500	5.0u	25	60u☑	100	9.0k	XC§	BR	MU20
81#	CR9K703A2	600	680	65C	150m	3.5	55mØ	50m	125J	1.1	1.0k	3.5u	600	180u	100	11k	XC§	BX	M308b
82#	2WDCR152-603B	600	700 △	40B	150m	3.5	60mØ	30m	125J	2.1	775				100	3.1k	XC§		
83#	BStP0340	600	1.0k	34C	300m	2.0	180m	20m	110J					40u§	20 §	9.5	XB§		MU25
84#	BStP0540	600	1.0k	39C	300m	2.0	300m	20m	115J					250u§	50 §	10k	XB§		MU25
85#	BStP0240	600	1.1k	47C	300m	2.0	180m	20m	115J					180u§	20 §	11k	XB§		MU25
86#	2WDCR7K603B35	600	1.2k△	40B	150m	3.5	80mØ	50m	125J	2.0	1.3k				100	7.5k	XC§		
87#	3520-7	600	1.2k△	40B	150m	3.5	80mØ	50m	125J	2.0	1.7k	6.5u	600	100u	100	6.9k	XC§		
88#	CS30-500BX	625	98	70C	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	15u§	12 §	800	XC§		S231
89#	CS30-500BY	625	98	70C	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	80u§	12 §	800	XC§		S231
90#	CS30-500CX	625	98	70C	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	15u§	50 §	800	XC§		S231
91#	CS30-500CY	625	98	70C	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	80u§	50 §	800	XC§		S231
92#	BTX29-700R	630	58	70C	100m§	150m	100m§	20m	70C	1.7 §	150	3.0u	50	12u	200	950 §*	XA☑	AF	S189a
93#	MA102F	630	235	85C	300m§	150m	400m§	20m	80	1.5 §	600	4.5u	200	30u	200	3.5k§*	XA☑	BX	SC39
94#	TSK10-08	640	22	35	100	4.0	50			1.3	22	12u		15u	5.0 §	400	XB§		S259#
95#	TSK25-08	640	50	35	150m	4.0	70m			1.4	50	12u		15u	5.0 §	800	XB§	BK	S260#
96#	TSK35-08	640	65	35	150m	4.0	70m			1.2	65	12u		15u	5.0 §	900	XB§	BK	S260#
97#	TSK50-08	640	95	35	200m	4.0	100m			1.5	95	15u		20u	5.0 §	2.0k	XB§		S261#
98#	TSK65-08	640	120	35	200m	4.0	100m			1.2	120	15u		20u	5.0 §	3.0k	XB§		S261#
99	SCR865	650 ☑	16	25C	75m	3.5	100m	6.0m△	100C	3.0	50	3.0u§	10	30u§		150 §	XA§	AF	TO48
100	SCRF1865	650 ☑	35	25C	40m	3.0	100m	2.0m△	125C	2.0	50	2.0u§	10	12u§		200 §	XC§	AF	TO48
101#	35T8	650	35	80B	150m	.25	150m	10m†		2.2 †	110					630	XCØ	AF	S63b
102#	33T8	650	55	72B	200m	3.0	150m	10m	100J	2.2	110					520	XCØ		S266a
103#	72T8	650	350	60B	300m	250m	400m	20m†		2.0 †	1.1k					5.4k	XCØ	BX	MU4a
104#	CRS3/60	660	4.5	90B	20m	3.0	25m	1.0m△	125J	1.3	4.5	2.0u	3.0	17u	15	55	XC§	AF	TO64
105#	CRS25/60	660	45	50B	50m	3.0	50m	10m△	110J	1.2	45	2.0u	25	30u	10	500	XB§	AF	TO65
106#	TD7001J	700	600m	25A	20m	3.0	40mØ	1.0m	125J	2.0	1.0	1.5u§	500m	15u§	50 Ø§	12			RD1a
107#	TD7001S	700	1.0	25C	.30m	5.0	.30mØ	1.0m	100J	2.0	.75	1.5u	.60	40u		12	XA*		TO5
108	SCRJL70	700 ☑	1.0	25C	50m	2.0	50m	4.0m	100C	1.5	1.0	2.0u§	1.0	30u§		60 §	XA§	AD	AX5

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	SCR17A	700 ☑	1.1	25C	15m	2.0	20m	900u△	125C	1.2 △	1.0	1.0u§	30	20u§		60 §	XC§		AX5
2	SCRF17A	700 ☑	1.1	25C	15m	2.0	50m	.90m△	125C	1.2 △	1.0	2.0u§	1.0	6.0u§		60 §	XC§		AX5
3	SCRFL70	700 ☑	1.7	80C	15m	2.0	50m	.90m	125C	1.2 △	1.0	2.0u§	1.0	12u§		60 §	XC§		AX5
4	SCRL70	700 ☑	1.7	80C	15m	2.0	20m	.90m△	125C	1.2 △	1.0	1.3u§	1.0	15u§		60 §	XC§		AX5
5#	TM7004	700	2.5	25A	25m	3.0	30mØ	3.0m	110J	2.0	8.0	2.0u§	1.0	60u§	50 Ø§	50		AF	SC22d
6#	BStC0246	700	3.5	72B	40m	2.0	100m	2.0m	125J	1.7	11				50 §	70	XC§		MU23
7	SCR370	700 ☑	4.0	80C	10m	2.0	25m	1.0mA	125C	2.0 △	3.0	1.3u§	1.0	15u§		60 §	XF§	AF	SC6
8	SCR37A	700 ☑	4.0	80C	15m	2.0	25m	1.0mA	125C	2.0 △	3.0	1.0u☑	60			60 §	XC§	AF	SC6
9	SCRF37A	700 ☑	4.0	80C	15m	2.0	50m	1.0mA	125C	2.0 △	3.0	2.0u§	1.0	6.0u§		60 §	XC§	AF	SC6
10#	CS3-07go1	700	4.0	85C	10m	2.0	20m	1.0m	125	1.6	10			60u	200	41	XC§		M667
11#	BStC0146	700	5.0	80C	40m	2.0	100m	2.0m	125J	1.8	15				50 §	70	XC§	AF	SC74
12#	TM7010	700	6.0	25A	40m	3.0	40mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	SC22d
13#	CR5-701B	700 †	6.0	95C	80m	3.0	150m	5.0m	125C	2.3	5.0	2.0u	5.0	12u			XC☑	AF	TO48
14#	CR6-803B	700	6.0	100	80m	3.0	78m			2.1		2.3u		120u	20	60	XC		
15#	BTY79-700	700	6.4		25m	2.5	10mØ	2.5m	125	2.3	20	3.0u	10	15u	20	50	XC§		
16#	T6.5N700	700	6.5	85C	15m	3.0										120	XA§		
17	SCR570	700 ☑	7.0	60C	15m	2.0	25m	1.0m	125C	1.9 △	15	1.0u§	10	15u§		100 §	XC§	AF	SC17
18	SCR57A	700 ☑	7.0	60C	20m	2.0	25m	1.0mA	125C	1.9 △	15	1.0u§	100	20u§		100 §	XC§	AF	SC17
19	SCRF57A	700 ☑	7.0	60C	20m	2.0	50m	1.0mA	125C	1.9 △	15	2.0u§	10	6.0u§		100 §	XC§	AF	SC17
20	SCRF570	700 ☑	7.0	60C	25m	2.0	50m	1.0m	125C	1.9 △	15	2.0u§	10	12u§		100 §	XC§	AF	SC17
21	SCRJ70	700 ☑	7.0	75C	25m	2.5	50m	2.0mA	105C	2.0 △	15	3.0u§	5.0	30u§		600 §	XA☑	AF	SC17
22#	TAG7-700R	700	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0					100	XA		S276
23#	TAG7S700R	700	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0			12u§		100	XA		S276
24#	BTX31-700R	700	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0					100	XC		S276
25#	BTX31S700R	700	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0			12u§		100	XC		S276
26#	BTX71-700R	700	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	20u	100	100	XC		S276
27#	BTX71S700R	700	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	12u§	100	100	XC		S276
28	SCR570A	700 ☑	7.0	110C	15m	2.0	25m	1.0mA	150C	1.9 △	15	1.0u§	10	15u§		100 §	XF§	AF	SC17
29	10RC70	700 ☑	10	65C	15m	2.0	10mØ	2.2m	105J	2.3	10	3.0u	10		20	125	6A§	AF	TO48
30#	TAG10-700R	700	10	65C	30m	3.0	30m	5.0m	105J	1.8	10					120	XA		S276
31#	TAG10S700R	700	10	65C	30m	3.0	30m	5.0m	105J	1.8	10			12u§		120	XA		S276
32#	CR6-803RB	700	10	70C	80m	3.0	28mØ	5.0mt	100C	2.0	16	2.3u	20	80u	20	100	XC		
33#	CR6-803RBA	700	10	70C	80m	3.0	28mØ	5.0mt	100C	2.0	16	2.3u	20	80u	200	100	XC		
34#	BTX32-700R	700	10	85C	25m	3.0	25m	5.0m	125J	1.8	10					120	XC		S276
35#	BTX32S700R	700	10	85C	25m	3.0	25m	5.0m	125J	1.8	10			12u§		120	XC		S276
36#	BTX72-700R	700	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	20u	100	120	XC		S276
37#	BTX72S700R	700	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	12u§	100	120	XC		S276
38	NL516S	700	10	100J	80m	3.5	20mØ	2.2m	25	2.5 Ø	30	3.0u	10	12		125	XA	AF	TO48
39	2SF207	700 ☑	11	50B	40m	3.0		4.5m	100J	2.8	50					125	XA§	AF	SC15
40#	CR10-701B	700 †	12	85C	80m	3.0	150m			1.7	10	2.0u	10	30			XC	AF	TO48
41#	CR12-803RB	700	14.5	75C	60m	3.0	28mØ	5.0mt	125C	2.0	32	2.3u	20	85u	20	160	XC		
42#	CR12-803RBA	700	14.5	75C	60m	3.0	28mØ	5.0mt	125C	2.0	32	2.3u	20	85u	200	160	XC		
43#	CR12-803B	700	15	100C	60m	3.0	140m	5.0m	125	2.1	38	2.3u	20	85u	20	120	XC§	AF	SC90a
44#	BTX95-700	700	15 Ø	125B§						3.0	10	375n	40	50u		300 *	XC§	AF	TO64
45	SCR870	700 ☑	16	25C	75m	3.5	100m	6.0m△	100C	3.0	50	3.0u§	10	30u§		150 §	XA§	AF	TO48
46	3001G	700	16	25B	80m	3.5 §	10mØ	2.2mØ	35C	2.0	10	1.4u		15u		125	XA§	AF	TO48
47	TSC36S	700	16	25	150m	3.5	20mØ	2.0m	100J	2.0	10	1.4u		15u	10	125	XA§	AF	TO48
48#	2SF438	700	16	26S	80m	3.5	100m	4.5m	100J	3.0	50					125	XA§	AD	SC4
49	202P	700	16	58C	80m	3.5	10m§Ø	4.0m	100J	1.6	10					125	XA§	AF	TO48
50	T400071006	700	16 △	75	80m	3.0	100m	2.5m	125J	2.3	30				100	150	XC§	AF	TO48
51	T408071008	700	16 △	87	80m	3.0	100m	4.5m	125J	1.5	10				25	125	XC§	AF	TO48
52	203P	700	16	92C	80m	3.7	8m§Ø	4.0m	100J	1.6	10					125	XA§	AF	TO48
53#	T14F700C	700	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		SC7b
54#	T14F700E	700	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		MU5
55#	T14N700	700	17	85C	50m	3.0	40m	10m	125J	2.5	50	1.5u☑	10	20u		200	XC§		M351
56#	2SF212	700 ☑	19	50B	40m	3.0		4.5m	100J	2.0	50					150	XA§	AF	SC15
57#	T15N700C	700	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		SC7b
58#	T15N700E	700	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		MU8
59#	TAG20-700R	700	20	45C	50m	3.0	50m	5.0m	105J	1.8	20					150	XA		A276
60#	TAG20S700R	700	20	45C	50m	3.0	50m	5.0m	105J	1.8	20			12u§		150	XA		S276
61#	BTX12/700R	700	20	64C	50m	3.0	40m§			3.5 §	175	4.0u§	10	10u§	20 §	250	XC§		S182
62#	BTX33-700R	700	20	65C	50m	3.0	50m	5.0m	125J	1.8	20					150	XC		S276
63#	BTX33S700R	700	20	65C	50m	3.0	50m	5.0m	125J	1.8	20			12u§		150	XC		S276
64#	CR16-701B	700 †	20	75C	40m	3.0	120m			1.5	16	2.0u	10	30u			XC☑	AF	TO48
65#	T30/700	700	21	20	100m	3.0	20mØ			1.5	100				200	550	XC		M351
66#	TSK10-09	700	22	35	100m	4.0	50m			1.3	22	12u		15u	5.0 §	400	XB§		S259#
67#	2SF212A	700 ☑	22	64B	40m	3.0		4.5m	125J	2.0	50					150	XC§	AF	SC15
68#	BTW31-700R	700	22	65B	150m	2.5	200m			2.9	50	1.0u	50	12u	200	225 §	5C§	AF	TO48
69#	CS22-700	700	22	85C	100m	3.0	80mØ			2.1	70		.20	65u§	50	400 §	XC§		
70#	CR18-803B	700	22	100	40m	3.0	140m			2.1		2.3u		120u	20	160	XC		
71#	TR7015	700	22.5	70C	25m	3.0	200m	3.0m	125J	2.0	30	1.5u	5.0	40u	40 Ø	250	XC☑	AF	TO48
72#	CR18-803RB	700	23	70C	40m	3.0	28mØ	5.0mt	125C	2.1	57	2.3u	20	85u	20	180	XC		
73#	CR18-803RBA	700	23	70C	40m	3.0	28mØ	5.0mt	125C	2.1	57	2.3u	20	85u	200	180	XC		
74#	T18F700	700	23	85C	50m	3.0	40m	10m	125J	2.3	60	1.5u☑	15	6.0u☑		300	XC§		M353
75#	T18F700C	700	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		SC7b
76#	T18F700E	700	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		MU9
77	T400071606	700	25 △	45	80m	3.0	100m	2.5m	125J	2.3	50				100	250	XC§	AF	TO48
78#	2SF433	700	25	57C	40m	3.0		8.0m	125J	1.9	50					135	XC§	AD	SC4
79	16RCF70A	700 ☑	25	60B	40m	2.0		2.2mØ	125J	2.0	50					150	XC§		TO48
80	201P	700	25	60C	40m	3.0	8m§Ø	4.0m	125J	2.0	50					150	XC§	AF	TO48
81#	BTX73-700R	700	25	60C	40m	3.0	50m	13m	125J	2.0 △	50	1.4u	10	20u	100	150	XC		S276
82#	BTX73S700R	700	25	60C	40m	3.0	50m	13m	125J	2.0 △	50	1.4u	10	12u§	100	150	XC		S276
83	16RC70	700 ☑	25 △	65C	40m	2.0	20mØ	2.2mØ	125J	2.0 †	50		10	15u§		150 △	XC§	AF	TO48
84#	T18/700	700	28	20	50m	3.0	8.0m			1.8	65				25	200	XC		M353
85#	T22N700	700	28	85C	100m	3.0	80m	10m	125J	1.9	60	2.5u☑	20	80u		400	XC§		M353
86#	T22N700C	700	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		SC7b
87#	T22N700E	700	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		MU9
88#	CS30-500	700	30 Ø		150m	4.0	50m			1.8	90				10	500			
89#	BTX13/700R	700	25§		50m	3.0	40m§			3.5 §	250	4.0u§	10	6.0u§	20 §	300	XC§	AF	SC34
90#	BTW24-700R	700	30	85A	150m	3.5						2.0u			200	600	XC§	AF	TO103
91#	CR24-803B	700	30	100	40m	3.0	140m			2.1		2.3u		120u	20	290	XC		
92#	CR25-701B	700	32	25	40m	3.0	26m					2.5u	25	150u		210	XC	AF	TO48
93	SCR167A	700 ☑	35	25C	25m	2.0	50m	2.0mA	125C	2.0	50	1.0u§	200	20u§		200 §	XC§	AF	TO48
94	SCRF167A	700 ☑	35	25C	25m	2.0	100m	2.0mA	125C	2.0	50	20u§	10	6.0u§		200 §	XC§	AF	TO48
95	SCR1670A	700 ☑	35	25C	40m	3.0	50m	2.0mA	125C	2.0	50	1.5u§	10	20u§		250 §	XC§	AF	TO48
96	SCRF1670	700 ☑	35	25C	40m	3.0	100m	2.0mA	125C	2.0	50	2.0u§	10	12u§		200 §	XC§	AF	TO48
97	T400072206	700	35 △	40	80m	3.0	100m	2.5m	125J	2.3	70				100	360	XC§	AF	TO48
98	T408072206	700	35 △	40	80m	3.0	100m	4.5m	125J	2.0	50				25	150	XC§	AF	TO48
99	22RC70	700	35	70C	40m	2.0	20m	2.2m	150J	2.2	35	3.0u	10	24 §		150 △	XF§		TO48
100#	CR24-803RB	700	40	80C	40m	3.0	28mØ	5.0mt	125C	1.4	50	2.3u	20	85u	20	320	XC		
101#	CR24-803RBA	700	40	80C	40m	3.0	28mØ	5.0mt	125C	1.4	50	2.3u	20	85u	200	320	XC		
102#	T30F700	700	40	85C	100m	3.0	80m	10m	125J	1.8	100	2.0u☑	25	10u☑		800	XC§		M351
103#	T30F700C	700	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u☑	25	25u§	50 §	800 §	XC§		SC7b
104#	T30F700E	700	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u☑	25	25u§	50 §	800 §	XC§		MU8
105	NLE45S	700	45	89C	70m	2.5	.10	4.0m	125J	3.0	500	5.0u	50	30u	100	1.2k	XC§	AF	TO83
106	NLE46S	700	45	89C	70m	2.5	.10	4.0m	125J	3.0	500	5.0u	50	30u	100	1.2k	XC§	BX	TO94
107#	TSK25-09	700	50	35	150m	4.0	70m			1.4	50	12u		15u	5.0 §	800	XB§	BK	S260#
108#	T50/700	700	51	20	100m	3.0	20mØ			1.5	100				200	550	XC		M349a
109	C146S	700	55 △		100m	3.0								40u☑			XC*		SC41
110	209P	700	55	85C	70m	3.0	10m§Ø	9.0m	125J	1.4	35					700	XC§	AF	SC16

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	211P	700	55	85C	70m	3.0	10m§Ø	9.0m	125J	1.4	35					700	XC§	AF	SC3a
2	NL548S	700	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	15u§	100 §	1.2k△	XC§	AF	T083
3	NL549S	700	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	20u§	100 §	1.2k△	XC§	AF	T083
4	NL551S	700	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	15u§	100 §	1.2k△	XC§	BX	TO94
5	NL552S	700	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	20u§	100 §	1.2k△	XC§	BX	TO94
6#	BTX44-700R	700	55 △	90C	100m	3.0	100m§	10m	110J	1.8	110	4.0u	35	18u	20	900 §*	XB☑	AF	S189a
7#	T50F700	700	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.0u☑	25	30u§	50 §	800 §	XC§	BX	M330b%
8#	T50N700	700	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.5u☑	25	80u§	20 §	800 §	XC§	BX	M330b%
9#	TSK35-09	700	65	35	150m	4.0	70m			1.2	65	12u		15u	5.0 §	900	XB§	BK	S260#
10#	BTW23-700R	700	70		200m	3.5									100	1.5k	XC§	AF	T049
11#	CR70B14	700	70	74C	70m	3.0		6.0m	125J	1.7	220				10 △	1.5k△	XC§	AF	SC34b
12#	BTX25	700 Ø	78	70C	100m	300m	100m	20m	70C	2.0	150					500 §	X9	AF	T049
13#	T70F700EEB	700	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	20u☑	50	2.4k§	XC§		MU6
14#	T70F700EEC	700	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	20u☑	400	2.4k§	XC§		MU6
15#	T70F700EFB	700	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	25u☑	50	2.4k§	XC§		MU6
16#	T70F700EFC	700	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	25u☑	400	2.4k§	XC§		MU6
17#	BTX51-700R	700	95	85B	70m	3.0	10m§Ø	13m	125J	2.1	500	3.0u	50	20u	10	900	XC§	AF	T049
18	809P	700	110	55	200m	3.0	100m§Ø	8.0m	125J	2.0	50					100	XC§	AF	SC3
19	C55S	700	110	60B	40m	3.0	20mØ	5.0m	125J	800m	110	4.5u		20u		1.0k	XC§		SC13
20	C56S	700	110	60B	40m	3.0	20mØ	5.0m	125J	800m	110	4.5u		20u		1.0k	XC§		SC13
21	70RE70	700 §	110	60C	70m	2.0	15mØ	2.5mØ	125J	1.8	220					1.0k△	XC§	AF	T049
22	70RE70A	700 §#	110	60C	70m	2.0	15mØ	2.5mØ	125J	1.8	220					1.0k△	XC§	AF	T049
23	70RC70A	700 ☑	110	60B	70m	2.5	20mØ	2.5mØ	125J	1.8 △	220	4.5u§	50	20u§		1.0k	XC§	AF	T049
24	70RCF70A	700 ☑	110	60B	70m	2.5		2.5mØ	125J	1.8 △	220		50	20u§		1.0k§	XC§	AF	T049
25	71RCF70A	700 ☑	110	60B	70m	2.5		2.5mØ	125J	1.8 △	220		50	20u§		1.0k§	XC§	BX	SC10
26	72RCF70A	700	110	60B	70m	2.5		2.5mØ	125J	1.8 △	220		50	20u§		1.0k§	XC§		S165
27	ZJ260S	700	110	62C	125	3.0	500m	8.0m	25C	3.4 △	500	8.0u§	5.0	50u§	200	1.0k§	XC§	BX	SC10
28	70REB70	700 §	110	64C	70m	2.0	200m	5.0m	125J	2.5	220					1.0k△	XC§	AF	T049
29	NL-C151S	700	110	70C	150m	3.0	500m	20m	125J	3.5	500	8.0u	50	50u	200	1.0k	XC§	AF	T049
30	NL-C153S	700	110	70C	150m	3.0	500m	20m	125J	3.5	500	8.0u	50	50u	200	1.0k	XC§	AF	T083
31#	BTX45-700R	700	110 △	80C	100m	3.0	100m§	10m	110J	1.7	220	7.0u	70	20u	20	1.2k§*	XB☑	AF	S189a
32	NLE151S	700	110	80C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	50u	200	1.4k	XC§	BX	TO94
33	NLE153S	700	110	83C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	50u	200	1.4k	XC§	AF	T083
34	NLE150S	700	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	TO94
35	NLE152S	700	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	T083
36	NLH150S	700	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	TO94
37	NLH152S	700	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	T083
38	212P#1	700	110	125J	90m	3.0	10mØ	8.0m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	SC16
39	212P#2	700	110	125J	90m	3.0	10mØ	8.0m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	T049
40#	T95F700	700	115	85C	100m	3.0	300m	30m	125J	1.8	300	2.5u☑	50	30u§	50 §	2.0k§	XC§	BX	MU6
41#	T100F700EEB	700	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	20u☑	50	3.2k§	XC§		MU6
42#	T100F700EEC	700	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	20u☑	400	3.2k§	XC§		MU6
43#	T100F700EFB	700	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
44#	T100F700EFC	700	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
45#	T100F700EGB	700	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
46#	T100F700EGC	700	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
47#	T180/700	700	120	20	400m	3.0	40m			1.2	500				200	3.5k	XC		M352a
48#	TSK65-09	700	120	35	200m	4.0	100m			1.2	120	15		20u	5.0 §	3.0k	XB§		S261#
49#	T125N700	700	140	85C	250m	3.0	300m	50m	125J	1.8	500	3.0u☑	100	100u§	20 §	3.0k§	XC§	BX	M330c%
50#	T95/700	700	150	20	80m	3.0	25m			1.5	300				200	1.2k	XC		M352b
51#	CR150BX14	700	150	81C	300m	3.0		15mØ	125J	1.9	500			30u☑	100 △	4.0k	XC§	BX	SC42
52	101RE70M	700	160	80B	100m	2.0		4.0mØ	125	2.4 △	471				200	2.0 §	XC	BX	S91a
53#	CR608SA0808	700	165	85C	150m	3.5	50mØ	30m	125J	1.6	450			125u§	300u	3.0k	XC§	BK	RD48a
54	228P	700	175	125J	300m	3.0		15m	125J	1.4	100	5.0u	100	40u	100	3.3k*	XC§	BC	MU15
55#	T160N700	700	185	85C	250m	3.0	300m	50m	125J	1.8	500	6.0u☑	100	100u§	50 §	4.0k§	XC§	BX	M330d%
56	218P	700	200	80C	300m	4.0		15m	125J	1.3	100			40u	100	3.3k*	XC§	BX	TO93
57#	CR155-804NA	700	210	70C	150m	3.5	35mØ	30m†	125C	1.8	450			35u☑	100	2.1k	XC		M201
58#	T170F700	700	210	85C	250m	3.0	300m	50m	125J	1.6	500	3.0u☑	100	30u§	50 §	4.0k§	XC§	BX	M330c%
59#	T170N700	700	210	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	100u		4.0k	XC§		M352a
60	151RCF70A	700	235		100m	2.5											XC§	BX	T093
61#	CR150-701A	700	235	25	150m	3.5	55m					6.5u	150	100u		3.3k	XC		M201
62#	CR150-702B	700	235	25	150m	3.5	55m					6.5u	150	20u		3.3k	XC		M201
63	150RC70	700 ☑	235	55B	100m	2.5		4.5mØ	125J	1.7 △	471					3.0k§	XC§		S86
64	150RC70A	700 ☑	235	70B	100m	2.5	50m	4.5mØ	125J	1.4 △	471	7.0u§	150	30u§		3.0k§	XC§		S86
65	C80S	700	235	75C	125m	3.0	100m	15m	125C	2.0	1.5k	5.0u	5.0	30u§	4.0	3.5k	XC		S89
66#	CR150-701A3	700	235	75C	150m	3.5	35mØ	15m	25C	1.4	235	6.5u	400	100u	50 §	3.3k	XC☑		M201
67#	CR150-702A3	700	235	75C	150m	3.5	35mØ	15m	25C	1.4	450	6.5u	400	35u	20	3.3k	XC☑		M201
68#	CR150-702A4	700	235	75C	150m	3.5	35mØ	15m	25C	1.6	450	6.5u	400	35u	20		XC☑		M201
69#	CR150-702A5	700	235	75C	150m	3.5	35mØ	15m	25C	1.8	450	6.5u	400	35u	20		XC☑		M201
70#	CR150-702A6	700	235	75C	150m	3.5	35mØ	15m	25C	2.0	450	6.5u	400	35u	20		XC☑		M201
71#	2SF484	700	235	76S	150m	3.0	200m	20m	125J	1.5	500					3.2k	XC	BX	SC10a
72#	BTX46-700R	700	235 △	85C	300m	3.0	300m§	10m	110J	1.6	480	8.0u	150	50u	20	2.5k§*	XB☑	BX	SC39
73#	CR250B14	700	250	21A	350m	4.0		15mØ	125J	1.8 †	780 §				10 △	5.0k	XC§	BX	M247a
74#	T20F700	700	250	55C	200m	2.5	50mØ	15m	25	1.5	450	5.0u		20u		3.5k	XC☑		M201
75	229P	700	250	125J	300m	3.0		15m	125J	1.3	100	5.0u	100	40u	100	5.0k*	XC§	BC	MU15
76#	CR253-805A	700	260	70C	150m	3.5	35mØ	30m	125	1.6	450				100 §	2.8k§	XF§		M201
77#	TY180NP7K2	700	260	70B	200m	3.5	50m	26m	125J	1.6	600	10u☑	500	20u☑	20 §	3.6k	XC§		
78#	TY180QP7K2	700	260	70B	200m	3.5	50m	26m	125J	1.6	600	10u☑	500	30u☑	20 §	3.6k	XC§		
79#	T220N700	700	260	85C	250m	3.0	300m	50m	125J	1.5	500	5.0u☑	100	120u§	50 §	5.0k§	XC§	BX	M330d%
80#	T260F700	700	260	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	50u§	50 §	4.0k§	XC§	BX	M330c%
81#	CR300A14	700	300	10A	350m	4.0		15mØ	125J	1.8 †	780 §				100 △	5.0k△	XC§	BX	M247a
82	2231P	700	300	125J	300m	4.0		15m	125J	1.3 §	100	4.0u	100	30u	100	4.5k*	XC§	BX	SC1
83	2232P	700	300	125J	300m	4.0		15m	125J	1.3 §	100	8.0u	100	40u	100	4.5k*	XC	BX	SC1
84#	BTX41-700R	700	315 △	80C	300m	3.0	300m§	10m	110J	1.5	600	10u	200	50u	20	3.5k§*	XB☑	BX	SC39
85#	T300N700	700	350	85C	250m	3.0	200m	50m	125J	1.3	500	6.0u☑	200	120u		4.5k	XC§	AF	MU11
86#	T301N700	700	350	85C	250m	3.0	300m	50m	125J	1.3	500	6.5u☑	100	130u§	50 §	6.0k§	XC§	BX	M330d%
87	223P	700	370	25B	300m	4.0	25m§Ø	15m	125J	1.2 §	100			50u	50	5.0k*	XC§	BX	SC1
88	222P	700	400	25§	300m§	4.0 §	25m§	15m	125J	1.2 §	100					5.0k	XC§	BX	SC1
89#	CR7K803A5	700	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
90#	CR7K803A45	700	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
91	C510S	700	450 △	125J	200m	5.0	500m	10m	25C	2.2 †	500		300	12u§	200 §	4.0k	XC§	BR	MU20
92#	CR7K803A4	700	460	65C	150m	3.5	55mØ	50m	125J	1.7	100	3.5u	600	180u	100	6.4k	XC§	BX	M308b
93#	2SF497	700	470	62S	150m	3.0	200m	20m	125J	1.4	1.0k					5.0k	XC	BX	SC10a
94	C29120S△	700	470	65C	150m	3.5	100m			1.2	500	5.0u	5.0		100 §	5.5k	XC§		S248
95	6RW71PY	700	470	65C	250m	3.1		10mØ	125J	.65 Ø	300				4.0	5.5k§	XC	AF△	SC19
96	6RW71RY	700	470	65C	250m	3.1	25m	10mØ	125J	.65 Ø	300				4.0	5.5k§	XC	AF△	SC19
97	C29120S☑	700	470	125J	150m	3.0	100m	15m	125J	1.2 †	500	5.0u	5.0	100u§	100 §	5.5k	XC§	BX	SC2
98#	CR7K803A35	700	480	65C	150m	3.5	78mØ	50m	125C	1.6	1.0k			180u		6.9k	XC%	BX	M308b
99#	CR7K803A3	700	500	65C	150m	3.5	78mØ	50m	125C	1.5	1.0k			120u		7.5k	XC%	BX	M308b
100#	CR807SB0808	700	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
101	350RB70	700	550 △	75C	150m	3.0	100m	25m	125J	1.4 †	1.1k	5.0u	250	50u§	100 △Ø	5.5k*	XC§	BX	TO118
102#	CR9K803A25	700	600	65C	150m	3.5	55mØ	50m	125J	1.3	1.0k	3.5u	600	180u	100	900	XC§	BX	M308b
103#	CR702SC0808	700	600	65C	150m	3.5	55mØ	50m	125C	1.3	1.0k	3.5u	600	180u	100	9.0k§	XC§	BK	RD48
104	C507S	700	625 △	125J	150m	4.0	100m	50m	125C	1.4	500	5.0u	25	100u☑	100	6.5k	XC§	BR	MU20
105	C508S	700	625 △	125J	150m	4.0	100m	50m	125C	1.3	500	5.0u	25	60u☑	100	9.0k	XC§	BR	MU20
106#	CR9K803A2	700	680	65C	150m	3.5	55mØ	50m	125J	1.1	1.0k	3.5u	600	180u	100	11k	XC§	BX	M308b
107#	2WDCR152-703B	700	700 △	40B	150m	3.5	60mØ	30m	125J	2.1	775				100	3.1k	XC§		
108#	2WDCR7K703B35	700	1.2k△	40B	150m	3.5	80mØ	50m	125J	2.0	1.3k				100	7.5k	XC§		

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	3520-8	700	1.2k△	40B	150m	3.5	80mØ	50m	125J	2.0	1.7k	6.5u	600	100u	100	6.9k	XC§		
2#	4020-8	700	1.7k△	40B	150m	3.5	70mØ	50m	125J	1.9	2.4k				100	11k	XC§		
3	NL-C36M	720	16	61C	80m	3.5	20mØ	2.5m	25	2.5 Ø	30	1.4u	5.0		10	125	XA§	AF	TO48
4	NL-C37M	720	25	37C	80m	3.5	20mØ	2.0m	105J	2.3 †	30	1.4u	5.0		10	175	XA§	AF	TO48
5	C40M	720	35	62C	40m	2.5	10mØ	2.0mØ	125J	2.0 †	50	1.4u	5.0	8.0u	20 §	150	XC§	AF	TO48
6#	CS15-600	720	38	70B	70m§	3.0	8.0mØ	10m	125J	1.8	65	1.2u	50	20u	25 §	250	XC§		S34
7#	CS15-600A	720	38	70B	70m§	3.0	8.0mØ	10m	125J	1.8	65	1.2u	50	12u	200 §	250	XC§		S34
8	NL-C45M	720	55	83C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO83
9	NL-C46M	720	55	83C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO49
10	TSC45M	720	55	85	125m	3.0	100m	4.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	SC8
11	TSC46M	720	55	85	125m	3.0	100m	4.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	TO49
12	211M	720	55	86S	70m	3.0	10m	20m	125J	1.4	35	1.0u		15u		700	XC*	AF	SC3a
13	TS555M	720	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	TO49
14	TS556M	720	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	SC8
15	NLF45M	720	55	89C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50	30u§	100 §	1.2k	XC§	AF	TO83
16	NLF46M	720	55	89C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50	30u§	100 §	1.2k	XC§	BX	TO94
17	NL555M	720	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO49
18	NL556M	720	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO83
19	TSC150M	720	110	60	200m	3.0	500m	10m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	TO49
20	TSC152M	720	110	60	200m	3.0	500m	10m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	SC8
21	NL-C55M	720	110	78C	70m	3.0	100m	4.0m	125J	2.5 †	500	5.0u	50	20u	100	1.0k	XC§	AF	TO49
22	NL-C56M	720	110	78C	70m	3.0	100m	4.0m	125J	2.5 †	500	5.0u	50	20u	100	1.0k	XC§	AF	TO83
23	NL-C180M	720	235	80C	150m	3.0	500m	6.0mØ	125J	2.9 †	1.5	8.0u	100		200 §	3.5k	XC§		TO93
24#	MA102G	720	235	85C	300m§	150m	400m§	20m	80	1.5 §	600	4.5u	200	30u	200	3.5 §*	XA☑	BX	SC39
25	SCR875	750 ☑	16	25C	75m	3.5	100m	6.0m△	100C	3.0	50	3.0u§	10	30u§		150 §	XA§	AF	TO48
26#	T21F50	750	16	40A	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20u	20	200	XA§		S242
27#	T31F50	750	26	40A	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	600	XA§		S243
28#	35T9	750	35	80B	150m	.25	150m	10m†		2.2 †	110					630	XCØ	AF	S63b
29#	33T9	750	55	72B	200m	3.0	150m	10m	100J	2.2	110					520	XCØ		S266a
30#	CS30-600BX	750	98	70C	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	15u§	12 §	800	XC§		S231
31#	CS30-600BY	750	98	70C	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	80u§	12 §	800	XC§		S231
32#	CS30-600CX	750	98	70C	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	15u§	50 §	800	XC§		S231
33#	CS30-600CY	750	98	70C	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	80u§	50 §	800	XC§		S231
34#	TD8001J	800	600m	25A	20m	3.0	40mØ	1.0m	125J	2.0	1.0	1.5u§	500m	15u§	50 Ø§	12			RD1a
35#	TD8001S	800	1.0	25C	.30m	5.0	.30mØ	1.0m	100J	2.0	.75	1.5u	.60	40u		12	XA*		TO5
36	SCRJL80	800 ☑	1.0	25C	50m	2.0	50m	4.0m	100C	1.5	1.0	2.0u§	1.0	30u§		60 §	XA§	AD	AX5
37	SCR18A	800 ☑	1.1	25C	15m	2.0	20m	900u△	125C	1.2 △	1.0	1.0u§	30	20u§		60 §	XC§		AX5
38	SCRF18A	800 ☑	1.1	25C	15m	2.0	50m	900u△	125C	1.2 △	1.0	2.0u§	1.0	6.0u§		60 §	XC§		AX5
39	B03010	800	1.4	60C	50u	1.0	6.0m	100u	100C	1.6		1.5u	2.0	35u	4.0 §	50 §	XC§	AC	MU28
40	B04010	800	1.4	60C	50u	1.0	6.0m	100u	100C	1.6		1.5u	2.0	35u	4.0 §	50 §	XC§	AD	RD1j
41	B03011	800	1.4	60C	200u	1.0	6.0m	100u	100C	1.6		1.5u	2.0	30u	4.0 §	50 §	XC§	AC	MU28
42	B04011	800	1.4	60C	200u	1.0	6.0m	100u	100C	1.6		1.5u	2.0	30u	4.0 §	50 §	XC§	AD	RD1j
43	B03012	800	1.4	60C	1.5m	1.0	6.0m	100u	100C	1.6		1.5u	2.0	20u	10 §	50 §	XC§	AC	MU28
44	B04012	800	1.4	60C	1.5m	1.0	6.0m	100u	100C	1.6		1.5u	2.0	20u	10 §	50 §	XC§	AD	RD1j
45	SCRFL80	800 ☑	1.7	80C	15m	2.0	50m	900u	125C	1.2 △	1.0	2.0u§	1.0	12u§		60 §	XC§		AX5
46	SCRL80	800 ☑	1.7	80C	15m	2.0	20m	900u△	125C	1.2 △	1.0	1.3u§	1.0	15u§		60 §	XC§		AX5
47#	TM8004	800	2.5	25A	25m	3.0	30mØ	3.0m	110J	2.0	8.0	2.0u§	1.0	60u§	50 Ø§	50		AF	SC22d
48	B01030	800	2.7	60C	50u	1.0	6.0m	100u	100C	1.6		1.5u	2.0	35u	4.0 §	50 §	XC§	AC	MU29
49	B04030	800	2.7	60C	50u	1.0	6.0m	100u	100C	1.6		1.5u	2.0	35u	4.0 §	50 §	XC§	AD	RD1j
50	B01031	800	2.7	60C	200u	1.0	6.0m	100u	100C	1.6		1.5u	2.0	30u	4.0 §	50 §	XC§	AC	MU29
51	B04031	800	2.7	60C	200u	1.0	6.0m	100u	100C	1.6		1.5u	2.0	30u	4.0 §	50 §	XC§	AD	RD1j
52	B01032	800	2.7	60C	1.5m	1.0	6.0m	100u	100C	1.6		1.5u	2.0	20u	10 §	50 §	XC§	AC	MU29
53	SCR380	800 ☑	4.0	80C	10m	2.0	25m	1.0m△	125C	2.0 △	3.0	1.3u§	1.0	15u§		60 §	XF§	AF	SC6
54	SCR38A	800 ☑	4.0	80C	15m	2.0	25m	1.0m△	125C	2.0 △	3.0	1.0u☑	60			60 §	XC§	AF	SC6
55	SCRF38A	800 ☑	4.0	80C	15m	2.0	50m	1.0m△	125C	2.0 △	3.0	2.0u§	1.0	6.0u§		60 §	XC§	AF	SC6
56#	2SF449	800	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0					90	XA§	AF	SC22b
57#	CS5-800	800	5.0	85C	30m	3.0	50mØ			1.2	15		200m	60u§	200	110 §	XC§		
58	B01057	800	5.5	60C	200u	1.0	6.0m	100u	100C	1.6		1.5u	2.0	30u	4.0 §	100 §	XC§	AC	MU29
59	B05007	800	5.5	60C	200u	1.0	6.0m	100u	100C	1.6		1.5u	2.0	30u	4.0 §	100 §	XC§	AF	SC59
60	B01058	800	5.5	60C	1.5m	1.0	6.0m	100u	100C	1.6		1.5u	2.0	20u	10 §	100 §	XC§	AC	MU29
61	B05008	800	5.5	60C	1.5m	1.0	6.0m	100u	100C	1.6		1.5u	2.0	20u	10 §	100 §	XC§	AF	SC59
62#	TM8010	800	6.0	25A	40m	3.0	40mØ	3.0m	110J	2.0	20	2.0u§	6.0	50u§	50 Ø§	100		AF	SC22d
63#	CR5-801B	800 †	6.0	95C	80m	3.0	150m	5.0	125C	2.3	5.0	2.0u	5.0	12u			XC☑	AF	TO48
64#	TP8004	800	6.0	100C	40m	3.0	100m	3.0m		1.2	4.0	2.0u	4.0	30u	100 §Ø	80	XC☑	AD	S18a
65#	CR6-903B	800	6.0	100	80m	3.0	78m			2.1		2.3u		120u	20	60	XC		
66#	BTY79-800	800	6.4		25m	2.5	10mØ	2.5m	125	2.3	20	3.0u	10	15u	20	50	XC§		
67#	T6.5N800	800	6.5	85C	15m	3.0										120	XA§		
68	SCR580	800 ☑	7.0	60C	15m	2.0	25m	1.0m	125C	1.9 △	15	1.0u§	10	15u§		100 §	XC§	AF	SC17
69	SCR58A	800 ☑	7.0	60C	20m	2.0	25m	1.0m△	125C	1.9 △	15	1.0u§	100	20u§		100 §	XC§	AF	SC17
70	SCRF58A	800 ☑	7.0	60C	20m	2.0	50m	1.0m△	125C	1.9 △	15	2.0u§	10	6.0u§		100 §	XC§	AF	SC17
71	SCRF580	800 ☑	7.0	60C	25m	2.0	50m	1.0m	125C	1.9 △	15	2.0u§		10u	12 §	100 §	XC§	AF	SC17
72	SCRJ80	800 ☑	7.0	75C	25m	2.5	50m	2.0m△	105C	2.0 △	15	3.0u§	5.0	30u§		600 §	XA☑	AF	SC17
73#	TAG7-800R	800	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0					100	XA		S276
74#	TAG7S800R	800	7.0	75C	25m	3.0	25m	5.0m	105J	1.8	7.0			12u§		100	XA		S276
75#	BTX31-800R	800	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0					100	XC		S276
76#	BTX31S800R	800	7.0	95C	15m	3.0	15m	5.0m	125J	1.9	7.0			12u§		100	XC		S276
77#	BTX71-800R	800	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	20u§	100	100	XC		S276
78#	BTX71S800R	800	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	12u	100	100	XC		S276
79	SCR580A	800 ☑	7.0	110C	15m	2.0	25m	1.0m△	150C	1.9 △	15	1.0u§	10	15u§		100 §	XF§	AF	SC17
80	B01077	800	7.8	60C	200u	1.0	6.0m	100u	100C	1.6		1.5u	2.0	30u	4.0 §	100 §	XC§	AC	MU29
81	B05027	800	7.8	60C	200u	1.0	6.0m	100u	100C	1.6		1.5u	2.0	30u	4.0 §	100 §	XC§	AF	SC59
82	B01078	800	7.8	60C	1.5m	1.0	6.0m	100u	100C	1.6		1.5u	2.0	20u	10 §	100 §	XC§	AC	MU29
83	B05028	800	7.8	60C	1.5m	1.0	6.0m	100u	100C	1.6		1.5u	2.0	20u	10 §	100 §	XC§	AF	SC59
84#	CS8-800	800	8.0	85C	30m	3.0	50mØ			1.3	24		.20	60u§	200	170 §	XC§		
85#	TP8006	800	9.0	100C	40m	3.0	100m	3.0m		1.2	6.0	2.0u	6.0	30u	100 §Ø	100	XC☑	AD	S18a
86	B01097	800	9.1	60C	200u	1.0	6.0m	100u	100C	1.6		1.5u	2.0	30u	4.0 §	100 §	XC§	AC	MU29
87	B05047	800	9.1	60C	200u	1.0	6.0m	100u	100C	1.6		1.5u	2.0	30u	4.0 §	100 §	XC§	AF	SC59
88	B01098	800	9.1	60C	1.5m	1.0	6.0m	100u	100C	1.6		1.5u	2.0	20u	10 §	100 §	XC§	AC	MU29
89	B05048	800	9.1	60C	1.5m	1.0	6.0m	100u	100C	1.6		1.5u	2.0	20u	10 §	100 §	XC§	AF	SC59
90	TS511-3	800	10	45	80m	3.0				2.5	30				20	150	XA§	AF	TO48
91#	CR10B16	800	10	59C	30m	2.5		3.0m	100J	1.6	30					150 △	XA§	AF	SC69
92#	2SF452	800	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10					90	XA§	AF	SC22b
93	10RC80	800 ☑	10	65C	15m	2.0	10mØ	2.0m	105J	2.3	10	3.0u	10		20	125	6A§	AF	TO48
94#	TAG10-800R	800	10	65C	30m	3.0	30m	5.0m	105J	1.8	10					120	XA		S276
95#	TAG10S800R	800	10	65C	30m	3.0	30m	5.0m	105J	1.8	10			12u§		120	XA		S276
96#	BTX32-800R	800	10	85C	25m	3.0	25m	5.0m	125J	1.8	10					120	XC		S276
97#	BTX32S800R	800	10	85C	25m	3.0	25m	5.0m	125J	1.8	10			12u§		120	XC		S276
98#	BTX72-800R	800	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	20u	100	120	XC		S276
99#	BTX72S800R	800	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	12u§	100	120	XC		S276
100#	2SF455	800	12	61C	50m	3.5	15mØ	3.0mØ	100	1.4	12					150	XA§	AF	SC15a
101#	CR12-903B	800	15	100C	60m	3.0	140m	5.0m	125	2.1	38	2.3u	20	85u	20	120	XC§	AF	SC90a
102#	BTX95-800	800	15 Ø	125B§						3.0	10	375n	40	50u		300 *	XC§	AF	TO64
103	SCR880	800 ☑	16	25C	75m	3.5	100m	6.0m△	100C	3.0	50	3.0u	10	30u§		150 §	XA§	AF	TO48
104	3001H	800	16	25B	80m	3.5 §	10mØ	2.0mØ	35C	2.0	10	1.4u		15u		125	XA§	AF	TO48
105	TSC36N	800	16	25	150m	3.5	20mØ	2.0m	100J	2.0	10	1.4u		15u	10	125	XA§	AF	TO48
106#	SF10L11	800	16	26S	80m	3.5	100m	4.0m	100J	3.0	50					125	XA§	AD	SC4
107	202S	800	16	58C	80m	3.5	10m§Ø	3.0m	100J	1.6	10					125	XA§	AF	TO48
108#	BTW30-800	800	16	65B§			200m	13m	125J	5.0	50 †	2.0u	50	12u	200	150 *	XC§	AF	TO48
109	T400081006	800	16 △	75	80m	3.0	100m	2.2m	125J	2.3	30				100	150	XC§	AF	TO48
110#	CS16-800	800	16	85C	80m	3.0	50mØ			1.3	48		.20	60u§	200	350 §	XC§		

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	TYPE No. [6]	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	T408081008	800	16 △	87	80m	3.0	100m	4.0m	125J	1.5	10				25	125	XC§	AF	TO48
2	203S	800	16	92C	80m	3.7	8m§Ø	3.0m	100J	1.6	10					125	XA§	AF	TO48
3#	T14F800C	800	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		SC7b
4#	T14F800E	800	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		MU5
5#	T15N800C	800	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		SC7b
6#	T15N800E	800	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		MU8
7#	TAG20-800R	800	20	45C	50m	3.0	50m	5.0m	105J	1.8	20					150	XA		S276
8#	TAG20S800R	800	20	45C	50m	3.0	50m	5.0m	105J	1.8	20			12u§		150	XA		S276
9#	CR20A16	800	20	57C	50m	3.0		3.0m	100J	1.8	60					300 △	XB§	AF	SC15a
10#	2SF458	800	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20					300	XA§	AF	SC15a
11#	BTX33-800R	800	20	65C	50m	3.0	50m	5.0m	125J	1.8	20					150	XC		S276
12#	BTX33S800R	800	20	65C	50m	3.0	50m	5.0m	125J	1.8	20			12u§		150	XC		S276
13#	CR16-801B	800 †	20	75C	40m	3.0	120m			1.5	16	2.0u	10	30u			XC☑		TO48
14#	BTX92-800R	800	20	85B	150m	3.5	200m	10m	125J	2.3	50	2.0u	10	100u☑	300	320	XC§	AF	TO48
15#	TSK10-10	800	22	35	100m	4.0	50m			1.3	22	12u		15u	5.0 §	400	XB§		S259#
16#	BTW31-800	800	22	65B§			200m	13m	125J	2.9	50 †	2.0u	50	20u	200	225 *	XC§	AF	TO48
17#	CS22-800	800	22	85C	100m	3.0	80mØ			2.1	7.0		200m	65u§	50	400 §	XC§		
18#	CR18-903B	800	22	100	40m	3.0	140m			2.1		2.3u		120u	20	160	XC		
19#	TR8015	800	22.5	70C	25m	3.0	200m	3.0m	125J	2.0	30	1.5u	5.0	40u	40 Ø	250	XC☑	AF	TO48
20#	CR18903RB	800	23	75C	40m	3.0	78m	5.0m	125C	2.1	57				20 Ø§	180 *§	XC§	AF	SC90a
21#	T18F800	800	23	85C	50m	3.0	40m	10m	125J	2.3	60	1.5u☑	15	6.0u☑		300	XC§		M353
22#	T18F800C	800	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		SC7b
23#	T18F800E	800	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		MU9
24	T400081606	800	25 △	45	80m	3.0	100m	2.2m	125J	2.3	50				100	250	XC§	AF	TO48
25#	SF16L11	800	25	57C	40m	3.0		8.0m	125J	1.9	50					135	XC§	AD	SC4
26	16RCF80A	800 ☑	25	60B	40m	2.0		2.0mØ	125J	2.2 △	50		10	12 §		150 §	XC§		TO48
27	201S	800	25	60C	40m	3.0	8m§Ø	3.0m	125J	2.0	50					150	XC§	AF	TO48
28#	BTX73-800R	800	25	60C	40m	3.0	50m	13m	125J	2.0 △	50	1.4u	10	20u	100	150	XC		S276
29#	BTX73S800R	800	25	60C	40m	3.0	50m	13m	125J	2.0 △	50	1.4u	10	12u§	100	150	XC		S276
30	16RC80	800 ☑	25 △	65C	40m	2.0	20mØ	2.0mØ	125J	2.0 †	50		10	15u§		150 △	XC§		TO48
31#	T22N800	800	28	85C	100m	3.0	80m	10m	125J	1.9	60	2.5u☑	20	80u		400	XC§		M353
32#	T22N800C	800	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		SC7b
33#	T22N800E	800	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		MU9
34#	BTW24-800	800	30	85B§			200m	18m	125J	2.1	100 †	2.0u	100	100u	200	600 *	XC§		
35#	CR30-08	800	30	90C	60m	3.0		3.0m	125C	1.6 †	90					350 §	4C§	AF	SC61
36#	CR24-903B	800	30	100	40m	3.0	140m			2.1		2.3u		120u	20	290	XC		
37#	CR25-801B	800	32	25	40m	3.0	26m					2.5u	25	150u		210	XC	AF	TO48
38	SCR168A	800 ☑	35	25C	25m	2.0	50m	2.0m△	125C	2.0	50	1.0u§	200	20u§		200 §	XC§	AF	TO48
39	SCRF168A	800 ☑	35	25C	25m	2.0	100m	2.0m△	125C	2.0	50	20u§	10	6.0u§		200 §	XC§	AF	TO48
40	SCR1680A	800 ☑	35	25C	40m	3.0	50m	2.0m△	125C	2.0	50	1.5u§	10	20u§		250 §	XC§	AF	TO48
41	SCRF1680	800 ☑	35	25C	40m	3.0	100m	2.0m△	125C	2.0	50	2.0u§	10	12u§		200 §	XC§	AF	TO48
42	T400082206	800	35 △	40	80m	3.0	100m	2.2m	125J	2.3	70				100	360	XC§	AF	TO48
43	T408082206	800	35 △	40	80m	3.0	100m	4.0m	125J	2.0	50				25	150	XC§	AF	TO48
44#	BTW32-800R	800	35	65B	150m	2.5	200m			3.5	100		20	25u	200	600 §	5C§	AF	SC93
45#	35T10	800	35	80B	200m	.25	200m	10m†		2.2 †	110					630	XCØ	AF	S63b
46#	CS40-800	800	40	85C	80m	3.0	50mØ			1.7	120		2.0	50u§	500	800 §	XC§		
47#	T30F800	800	40	85C	100m	3.0	80m	10m	125J	1.8	100	2.0u☑	25	10u☑		800	XC§		M351
48#	T30F800C	800	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u☑	25	25u§	50 §	800 §	XC§		SC7b
49#	T30F800E	800	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u☑	25	25u§	50 §	800 §	XC§		MU8
50#	SKT45/08F	800	45	85	.10	3.0	.13			1.6	135	10u	135	20u	50	700	X8		
51	NLE45N	800	45	89C	70m	2.5	.10	4.0m	125J	3.0	500	5.0u	50	30u	100	1.2k	XC§	AF	TO83
52	NLE46N	800	45	89C	70m	2.5	.10	4.0m	125J	3.0	500	5.0u	50	30u	100	1.2k	XC§	BX	TO94
53#	SKT46/08	800	45	105	.10	3.0	.13			1.6	135	10u	135	50u	50	700	XA		
54#	TSK25-10	800	50	35	150m	4.0	70m			1.4	50	12u		15u	5.0 §	800	XB§	BK	S260#
55#	BTW24-800R	800	50	75B	150m	2.5	200m	15m	125J	2.1	100	2.0u	100	100u	200	600	5C§	AF	SC93
56#	CR50-08	800	50	80C	80m	3.0		5.0m	125C	1.6 †	150					950 §	4C§	BX	SC42d
57	C146N	800	55 △		100m	3.0								40u☑			XC*		SC41
58#	33T10	800	55	72B	200m	3.0	200m	10m	100J	2.2	110					520	XCØ		S266a
59	209S	800	55	85C	70m	3.0	10m§Ø	9.0m	125J	1.4	35					700	XC§	AF	SC16
60	211S	800	55	85C	70m	3.0	10m§Ø	9.0m	125J	1.4	35					700	XC§	AF	SC3a
61	NL548N	800	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	15u§	100 §	1.2k△	XC§	AF	TO83
62	NL549N	800	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	20u§	100 §	1.2k△	XC§	AF	TO83
63	NL551N	800	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	15u§	100 §	1.2k△	XC§	BX	TO94
64	NL552N	800	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	20u§	100 §	1.2k△	XC§	BX	TO94
65#	BTX44-800R	800	55 △	110J	100m	3.0	100m§	10	110J	1.8 §	110	4.0u§	35	100u	100 Ø§	900 *	XB§	AF	S189a
66#	T50F800	800	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.0u☑	25	30u§	50 §	800 §	XC§	BX	M330b%
67#	T50N800	800	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.5u☑	25	80u§	20 §	800 §	XC§	BX	M330b%
68#	TSK35-10	800	65	35	150m	4.0	70m			1.2	65	12u		15u	5.0 §	900	XB§	BK	S260#
69#	CS65-800	800	65	85C	80m	3.0	50mØ			1.3	200		2.0	50u§	500	1.2k	XC§		
70#	BTW23-800R	800	70		200m	3.5									100	1.5k	XC§	AF	TO49
71#	CR70B16	800	70	74C	70m	3.0		6.0m	125J	1.7	220				10 △	1.5k△	XC§	AF	SC34b
72#	BTW23-800	800	70	85B§			200m	13m	125J	2.5	500 †	2.5u	100	200u	200	1.5k*	XC§		
73#	SKT70/08F	800	70	85	.15	3.0	.15			1.6	210	10u	210	25u	50	1.5k	X8		
74#	SKT71/08	800	70	105	.15	3.0	.15			1.6	210	10u	210	70u	50	1.5k	XA		
75#	BTX26	800 Ø	78	70C	100m	300m	100m	20m	70C	2.0	150					500 §	X9	AF	TO49
76#	BTX29-800R	800	78 △	110J	100m	3.0	100m§	10	110J	1.7 §	150	5.0u§	50	100u	100 Ø§	1.1k*	XB§	AF	S189a
77#	CS42-800	800	82	40	110m	2.0	200m	15m	115	1.9	180				200	900	XB§		
78#	SKT90/08F	800	90	85	150m	3.0	150m			1.4	270	10u	270	25u	50	2.0k	X8		
79#	SKT91/08	800	90	105	150m	3.0	150m			1.4	270	10u	270	70u	50	2.0k	XA		
80#	TSK50-10	800	95	35	200m	4.0	100m			1.5	95	15u		20u	5.0 §	2.0k	XB§		S261#
81#	BTX51-800R	800	95	85B	70m	3.0	10m§Ø	13m	125J	2.1	500	3.0u	50	20u	10	900	XC§	AF	TO49
82#	BTY99-800R	800	100	67C	70m	3.0	10mØ§	10m	125J	2.5	500				10 Ø	900	XC§	BX	TO94
83#	CR100-08	800	100	90C	100m	3.0		5.0m	125C	1.8 †	350					1.2k§	4C§	BX	SC42c
84	TIC03	800	110	55C	125m	3.0		15m	125C	2.3	110				200	1.0k	XC☑	AF	TO49
85	809S	800	110	55	200m	3.0	100mØ§	8.0m	125J	2.0	50					100	XC§	AF	SC3a
86	C55N	800	110	60B	40m	3.0	20mØ	5.0m	125J	800m	110	4.5u		20u		1.0k	XC§		SC13
87	C56N	800	110	60B	40m	3.0	20mØ	5.0m	125J	800m	110	4.5u		20u		1.0k	XC§		SC13
88	70RE80A	800 §#	110	60C	70m	2.0	15mØ	2.5mØ	125J	1.8	220					1.0k△	XC§	AF	TO49
89	70RC80A	800 ☑	110	60B	70m	2.5	20mØ	2.5mØ	125J	1.8 △	220	4.5u§	50	20u§		1.0k§	XC§	AF	TO49
90	70RCF80A	800 ☑	110	60B	70m	2.5		2.5mØ	125J	1.8 △	220		50	20u§		1.0k§	XC§	AF	TO49
91	71RCF80A	800 ☑	110	60B	70m	2.5		2.5mØ	125J	1.8 △	220		50	20u§		1.0k§	XC§	BX	SC10
92	72RCF80A	800	110	60B	70m	2.5		2.5mØ	125J	1.8 △	220		50	20u§		1.0k§	XC§		S165
93	ZJ260N	800	110	62C	125m	3.0	500m	7.0m	25C	3.4 △	500	8.0u§	5.0	50u§	200	1.0k§	XC§	BX	SC10
94	70RE880	800 §	110	64C	70m	2.0	200m	5.0m	125J	2.5	220					1.0k△	XC§	AF	TO49
95	NL-C151N	800	110	70C	150m	3.0	500m	20m	125J	3.5	500	8.0u	50	50u	200	1.0k	XC§	AF	TO49
96	NL-C153N	800	110	70C	150m	3.0	500m	20m	125J	3.5	500	8.0u	50	50u	200	1.0k	XC§	AF	TO83
97	NLE151N	800	110	80C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	50u	200	1.4k	XC§	BX	TO94
98	NLE153N	800	110	80C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	50u	200	1.4k	XC§	AF	TO83
99#	SKT110/08F	800	110	85	.20	3.0	.20			1.4	330	10u	330	30u	50	2.5k	X8		
100	NLE150N	800	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	TO94
101	NLE152N	800	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	TO83
102	NLH150N	800	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	TO94
103	NLH152N	800	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	TO83
104#	SKT111/08	800	110	105	.20	3.0	.20			1.4	330	10u	330	80u	50	2.5k	XA		
105#	BTX45-800R	800	110 △	110J	100m	3.0	100m§	10	110J	1.7 §	220	6.0u§	70	100u	100 Ø§	1.2k*	XB§	AF	S189a
106	212S#1	800	110	125J	90m	3.0	10mØ	8.0m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	SC16
107	212S#2	800	110	125J	90m	3.0	10mØ	8.0m	125	1.5	50	1.5u§	100	15u§	100 §	750		AF	TO49
108#	T95F800	800	115	85C	100m	3.0	300m	30m	125J	1.8	300	2.5u☑	50	30u§	50 §	2.0k§	XC§	BX	MU6
109#	T100F800EEB	800	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	20u☑	50	3.2k§	XC§		MU6
110#	T100F800EEC	800	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	20u☑	400	3.2k§	XC§		MU6

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	T100F800EFB	800	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
2#	T100F800EFC	800	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
3#	T100F800EGB	800	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
4#	T100F800EGC	800	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
5#	TSK65-10	800	120	35	200m	4.0	100m			1.2	120	15u		20u	5.0 §	3.0k	XB§		S261#
6#	CS130-800	800	130	85C	150m	3.0	100mØ			1.5	400		.70	60u§	500	3.5k	XC§		
7#	SKT140/08F	800	140	85C	200m	3.0	200m			1.5	250			30u§	50	3.5k	XF*	BK	S260b
8#	T125N800	800	140	85C	250m	3.0	300m	50m	125J	1.8	500	3.0u☑	100	100u§	20 §	3.0k§	XC§	BX	M330c%
9#	SKT141/08	800	140	105C	200m	3.0	200m			1.5	250			80u	50	3.5k	XD*	BK	S260b
10	101RE80M	800	160	80B	100m	2.0		4.0mØ	125	2.4 △	471				200	2.0k§	XC	BX	S91a
11#	CR608SA0909	800	165	85C	150m	3.5	50mØ	30m	125J	1.6	450			125u§	300u	3.0k	XC§	BK	RD48a
12#	SKT170/08F	800	170	85	.25	3.0	.20			1.2	510	10u	510	45u	50	6.0k	X8		
13#	SKT171/08	800	170	105	.25	3.0	.20			1.2	510	10u	510	100u	50	6.0k	XA		
14#	CR150B16	800	175	75C	300m	3.0		15mØ	125J	1.8 †	500 §					4.0k△	XC§	BX	SC42
15	228S	800	175	125J	300m	3.0		15m	125J	1.4	100	5.0u	100	40u	100	3.3k*	XC§	BC	MU15
16#	T160N800	800	185	85C	250m	3.0	300m	50m	125J	1.8	500	6.0u☑	100	100u§	50 §	4.0k§	XC§	BX	M330d%
17#	TY120SP8K2	800	190	70B	220m	3.5	40m	25m	125J	1.7	300				200 §	2.4k	XC§		
18#	CS195-800	800	195	85C	150m	3.0	100mØ			1.6	600		.70	60u§	500	5.0k§	XC§		
19	218S	800	200	80C	300m	4.0		15m	125J	1.3	100			40u	100	3.3k*	XC§	BX	TO93
20#	CR155-904NA	800	210	70C	150m	3.5	35mØ	30m†	125C	1.8	450			35u☑	100	2.1k	XC		M201
21#	T170F800	800	210	85C	250m	3.0	300m	50m	125J	1.6	500	3.0u☑	100	30u§	50 §	4.0k§	XC§	BX	M330c%
22#	T170N800	800	210	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	100u		4.0k	XC§		M352a
23#	SKT220/08F	800	220	85	.25	3.0	.20			1.0	660	10u	660	45u	50	7.0k	X8		
24#	SKT221/08	800	220	105	250m	3.0	200m			1.0	660	10u	660	100u	50	7.0k	XA		
25	151RCF80A	800	235		100m	2.5											XC§	BX	TO93
26#	CR150-801A	800	235	25	150m	3.5	55m					6.5u	150	100u		3.3k	XC		M201
27#	CR150-802B	800	235	25	150m	3.5	55m					6.5u	150	20u		3.3k	XC		M201
28#	BStL0455	800	235	35C	300m	2.0	180m	10m	110J	1.4	235			20u§	50 §	2.5k	XA§		S251
29	150RC80	800 ☑	235	55B	100m	2.5		4.0mØ	125J	1.7 △	471					3.0k§	XC§		S86
30	150RE80	800 ☑	235	55B	100m	2.5	50mØ	5.0mØ	125J	1.7 △	471					3.0k§	XC§		S86
31	150RC80A	800 ☑	235	70B	100m	2.5	50m	4.0mØ	125J	1.4 △	471					3.0k§	XC§		S86
32#	CR150-801A3	800	235	75C	150m	3.5	35mØ	15m	25C	1.4	235	6.5u	400	100u	50 §	3.3k	XC☑		M201
33#	CR150-802A3	800	235	75C	150m	3.5	35mØ	15m	25C	1.4	450	6.5u	400	35u	20	3.3k	XC☑		M201
34#	CR150-802A4	800	235	75C	150m	3.5	35mØ	15m	25C	1.6	450	6.5u	400	35u	20		XC☑		M201
35#	CR150-802A5	800	235	75C	150m	3.5	35mØ	15m	25C	1.8	450	6.5u	400	35u	20		XC☑		M201
36#	CR150-802A6	800	235	75C	150m	3.5	35mØ	15m	25C	2.0	450	6.5u	400	35u	20		XC☑		M201
37#	CR250B16	800	250	21A	350m	4.0		15 Ø	125J	1.8 †	780 §				10 △	5.0k△	XC§	BX	M247a
38#	T20F800	800	250	55C	200m	2.5	50mØ	15m	25	1.5	450	5.0u		20u		3.5k	XC☑		M201
39	229S	800	250	125J	300m	3.0		15m	125J	1.3	100	5.0u	100	40u	100	5.0k*	XC§	BC	MU15
40#	CR253-905A	800	260	70C	150m	3.5	35mØ	30m	125	1.6	450				100 §	2.8k§	XF§		M201
41#	TY180NP8K2	800	260	70B	200m	3.5	50m	25m	125J	1.6	600	10u☑	500	20u☑	20 §	3.6k	XC§		
42#	TY180QP8K2	800	260	70B	200m	3.5	50m	25m	125J	1.6	600	10u☑	500	30u☑	20 §	3.6k	XC§		
43#	T220N800	800	260	85C	250m	3.0	300m	50m	125J	1.5	500	5.0u☑	100	120u§	50 §	5.0k§	XC§	BX	M330d%
44#	T260F800	800	260	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	50u§	50 §	4.0k§	XC§	BX	M330c%
45#	CR300A16	800	300	10A	350m	4.0		15mØ	125J	1.8 †	780 §				100 △	5.0k△	XC§	BX	M247a
46#	CR300AW16	800	300	11A	350m	4.0	30mØ	15m	125J	1.9 §	780			50 §	100 §	5.0k	4C	BX§	SC56
47#	BTX46-800R	800	300 △	110J	300m	2.5	150m	10m△	110J	1.6 §	600	20u☑	250	200u§	20 §	4.0k§	XB§	BX	SC39
48	2231S	800	300	125J	300m	4.0		15m	125J	1.3 §	100	4.0u	100	30u	100	4.5k*	XC§	BX	SC1
49	2232S	800	300	125J	300m	4.0		15m	125J	1.3 §	100	8.0u	100	40u	100	4.5k*	XC	BX	SC1
50#	TY290SP8K2	800	305	70B	220m	3.5	45m	25m	125J	1.7	1.0k				200 §	5.4k	XC§		
51#	TYA290SP8K2	800	305	70B	220m	3.5	45m	25m	125J	1.6	600				200 §	5.4k	XC§		
52#	T300N800	800	350	85C	250m	3.0	200m	50m	125J	1.3	500	6.0u☑	200	120u		4.5k	XC§	AF	MU11
53#	T301N800	800	350	85C	250m	3.0	300m	50m	125J	1.3	500	6.5u☑	100	130u§	50 §	6.0k§	XC§	BX	M330d%
54	223S	800	370	25B	300m	4.0	25m§Ø	15m	125J	1.2 §	100			50u	50	5.0k*	XC§	BX	SC1
55	222S	800	400	25§	300m§	4.0 §	25m§	15m	125J	1.2 §	100					5.0k	XC§	BX	SC1
56	251RM80	800 ☑	400	60C	150m	2.5	500m	24m	125J	1.7 †	785		500	40u§	200 §	5.5k△	XC§	BX	TO108
57	250RA80	800 ☑	400 △	75C	150m	3.0	500m	25m	125J	1.7	785 †	75 ♦	250	60u§	100 §	6.5k△	4C§	BX	TO118
58#	FT500AW16	800	400	75C	350m	4.0		30m	125J	2.2	1.2k§		400	50u☑	200 △	7.0k△	4C§	BC	MU14
59#	CR7K903A5	800	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
60#	CR7K903A45	800	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
61#	TY490SP8K2	800	450	70B	220m	3.5	31m	25m	125J	1.6	1.0k				200 §	7.5k	XC§		
62#	TYA490SP8K2	800	450	70B	220m	3.5	31m	25m	125J	1.6	1.0k				200 §	7.5k	XC§	BX	RD55
63#	CR7K903A4	800	460	65C	150m	3.5	55mØ	50m	125J	1.7	100	3.5u	600	180u	100	6.4k	XC§	BX	M308b
64	C29120N△	800	470	65C	150m	3.5	100m			1.2	500	5.0u	5.0		100 §	5.5k	XC§		S248
65	C29120N☑	800	470	125J	150m	3.0	100m	15m	125J	1.2 †	500	5.0u	5.0	100u§	100 §	5.5k	XC§	BX	SC2
66#	CR7K903A35	800	480	65C	150m	3.5	78mØ	50m	125C	1.6	1.0k			180u		6.9k	XC%	BX	M308b
67#	CR7K903A3	800	500	65C	150m	3.5	78mØ	50m	125C	1.5	1.0k			120u		7.5k	XC%	BX	M308b
68#	YST301QP8K3	800	500	70B	220m	3.5	100m	30m	125J	1.9	1.0k	4.0u☑	600	20u☑	200 §	7.4k	XC§	BB	MU68
69#	CR807SB0909	800	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
70	350RB80	800	550 △	75C	150m	3.0	100m	25m	125J	1.4 †	1.1k	5.0u	250	50u§	100 △Ø	5.5k*	XC§	BX	TO118
71#	TY500SP8K2	800	590	70C	220m	3.5	31m	25m	125J	1.6	1.0k				200 §	8.4k	XC§		MU67
72#	CR9K903A25	800	600	65C	150m	3.5	55mØ	50m	125J	1.3	1.0k	3.5u	600	180u	100	900	XC§	BX	M308b
73#	CR702SC0909	800	600	65C	150m	3.5	55mØ	50m	125C	1.3	1.0k	3.5u	600	180u	100	9.0k§	XC§	BK	RD48
74	C507N	800	625 △	125J	150m	4.0	100m	50m	125C	1.4	500	5.0u	25	100u☑	100	6.5k	XC§	BR	MU20
75	C508N	800	625 △	125J	150m	4.0	100m	50m	125C	1.3	500	5.0u	25	60u☑	100	9.0k	XC§	BR	MU20
76#	SH400L21	800	630	115J	260m	3.5		35m	125J	1.9	1.2k	6.0u	400	50u	50	7.2k	4B§		MU17
77#	2WDCR152-803B	800	700 △	40B	150m	3.5	60mØ	30m	125J	2.1	775				100	3.1k	XC§		
78#	SF800L21	800	800	125J	320m	4.0		35	125J	2.1	2.5k					13k	4C§		MU17
79#	YST801SP8K2	800	1.0k	70C	220m	3.5	100m	25m	125J	1.6	1.8k				200 §	16k	XC§	BC	MU66
80#	2WDCR7K803B35	800	1.2k△	40B	150m	3.5	80mØ	50m	125J	2.0	1.3k				100	7.5k	XC§		
81#	3520-9	800	1.2k△	40B	150m	3.5	80mØ	50m	125J	2.0	1.7k	6.5u	600	100u	100	6.9k	XC§		
82#	4020-9	800	1.7k△	40B	150m	3.5	70mØ	50m	125J	1.9	2.4k				100	11k	XC§		
83#	MA102H	810	235	85C	300m§	150m	400m§	20m	80	1.5 §	600	4.5u	200	30u	200	3.5 §*	XA☑	BX	SC39
84	NL-C36S	840	16	61C	80m	3.5	20mØ	2.5m	25	2.5 Ø	30	1.4u	5.0		10	125	XA§	AF	TO48
85#	CS30-600	840	30 Ø		150m	4.0	50m			1.8	90				10	500			S34
86	C40S	840	35	62C	40m	2.5	10mØ	2.0mØ	125J	2.0 †	50	1.4u	5.0	8.0u	20 §	150	XC§	AF	TO48
87#	CS15-700	840	38	70B	70m§	3.0	8.0mØ	10m	125J	1.8	65	1.2	50	20u	25 §	250	XC§		S34
88#	CS15-700A	840	38	70B	70m§	3.0	8.0mØ	10m	125J	1.8	65	1.2	50	12u	200 §	250	XC§		S34
89	NL-C45S	840	55	83C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO83
90	NL-C46S	840	55	83C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO49
91	TSC45S	840	55	85	125m	3.0	100m	4.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	SC8
92	TSC46S	840	55	85	125m	3.0	100m	4.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	TO49
93	TS555S	840	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	TO49
94	TS556S	840	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	SC8
95	NLF45S	840	55	89C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50	30u§	100 §	1.2k	XC§	AF	TO83
96	NLF46S	840	55	89C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50	30u§	100 §	1.2k	XC§	BX	TO94
97	NL555S	840	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO49
98	NL556S	840	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO83
99	TSC150S	840	110	60	200m	3.0	500m	10m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	TO49
100	TSC152S	840	110	60	200m	3.0	500m	10m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	SC8
101	NL-C180S	840	235	80C	150m	3.0	500m	4.0mØ	125J	2.9 †	1.5k	8.0u	100		200 §	3.5k	XC§		TO93
102#	CS30-700BX	875	98	70C	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	15u§	12 §	800	XC§		S231
103#	CS30-700BY	875	98	70C	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	80u§	12 §	800	XC§		S231
104#	CS30-700CX	875	98	70C	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	15u§	50 §	800	XC§		S231
105#	CS30-700CY	875	98	70C	80m	3.0	30m	5.0m	120J	1.8	110	8.0u	80	80u§	50 §	800	XC§		S231
106	JAN1N4205	900 △	2.0	85C	50m	1.5	5.0mØ	4.0m	100	25	30		2.0	15u	250			AF	TO64
107#	CR6-1003B	900	6.0	100	80m	3.0	78m			2.1		2.3u		120u	20	60	XC		
108#	T6.5N900	900	6.5	85C	15m	3.0										120	XA§		

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	BTX31-900R	900	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0					100	XC		S276
2#	BTX31S900R	900	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0					100	XC		S276
3#	BTX71-900R	900	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	20u	100	100	XC		S276
4#	BTX71S900R	900	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	12u§	100	100	XC		S276
5	10RC90	900 ☑	10	65C	15m	2.0	10mØ	2.0m	105J	2.3	10	3.0u	10		20	125	6A§	AF	TO48
6#	BTX32-900R	900	10	85C	25m	3.0	25m	5.0m	125J	1.8	10					120	XC		S276
7#	BTX32S900R	900	10	85C	25m	3.0	25m	5.0m	125J	1.8	10			12u§		120	XC		S276
8#	BTX72-900R	900	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	20u	100	120	XC		S276
9#	BTX72S900R	900	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	12u§	100	120	XC		S276
10#	BStD0260	900	13.5	74C	60m	2.5	120m	2.0m	115J					150u§	20 §	140	XB§	AD	SC4b
11#	CR12-1003B	900	15	100C	60m	3.0	140m	5.0m	125	2.1	38	2.3u	20	85u	20	120	XC§	AF	SC90a
12#	2SF440	900	16	26S	80m	3.5	100m	4.0m	100J	3.0	50					125	XA§	AD	SC4
13#	T21F60	900	16	40A	50m	2.5	25m	10m	100J	2.2 △	50	2.0u		20u	20	200	XA§		S242
14	202V	900	16	58C	80m	3.5	10m§Ø	2.0m	100J	1.6	10					125	XA§	AF	TO48
15	203V	900	16	92C	80m	3.7		4.0m	125J	1.6	10					125	XC§	AF	TO48
16#	T14F900C	900	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		SC7b
17#	T14F900E	900	17	85C	50m	3.0	120m	10m	125J	2.5	50	1.5u☑	10	15u§	200 §	200 §	XC§		MU8
18#	T15N900C	900	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		SC7b
19#	T15N900E	900	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		MU8
20#	BTX33-900R	900	20	65C	50m	3.0	50m	5.0m	125J	1.8	20					150	XC		S276
21#	BTX33S900R	900	20	65C	50m	3.0	50m	5.0m	125J	1.8	20			12u§		150	XC		S276
22#	BTX92-900R	900	20	85B	150m	3.5	200m	8.0m	125J	2.3	50	2.0u	10	100u☑	300	320	XC§	AF	TO48
23#	CS22-900	900	22	85C	100m	3.0	80mØ			2.1	70		.20	65u§	50	400 §	XC§		
24#	CR18-1003B	900	22	100	40m	3.0	140m			2.1		2.3u		120u	20	160	XC		
25#	CR181003RB	900	23	75C	40m	3.0	78m	5.0m	125C	2.1	57				20 Ø§	180 *§	XC§	AF	SC90a
26#	T18F900	900	23	85C	50m	3.0	40m	10m	125J	2.3	60	1.5u☑	15	6.0u☑		300	XC§		M353
27#	T18F900C	900	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		SC7b
28#	T18F900E	900	23	85C	50m	3.0	120m	10m	125J	2.3	60	1.5u☑	15	20u§	50 §	300 §	XC§		MU9
29#	2SF435	900	25	57C	40m	3.0		8.0m	125J	1.9	50					135	XC§	AD	SC4
30#	BTX73-900R	900	25	60C	40m	3.0	50m	13m	125J	2.0 △	50	1.4u	10	20u	100	150	XC		S276
31#	BTX73S900R	900	25	60C	40m	3.0	50m	13m	125J	2.0 △	50	1.4u	10	12u§	100	150	XC		S276
32	NL-C35T	900	25	65B	40m	3.0		2.0	65B	2.0	16					150	XC§	AF	TO48
33	201V	900	25	75C	40m	3.0		4.0m	125J	2.3	50					250	XC§	AF	TO48
34#	T31F60	900	26	40A	50m	2.5	25m	20m	100J	1.8 △	80	2.0u		20u	20	600	XA§		S243
35#	T22N900	900	28	85C	100m	3.0	80m	10m	125J	1.9	60	2.5u☑	20	80u		400	XC§		M353
36#	T22N900C	900	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		SC7b
37#	T22N900E	900	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		MU9
38#	BStF0360	900	30	85C	50m	3.0	40m	10m	125J					12u§	50 §	300	XC§		
39#	CR24-1003B	900	30	100	40m	3.0	140m			2.1		2.3u		120u	20	290	XC		
40	16RC90	900 ☑	35 △	35C	40m	3.0	20mØ	2.0mØ	125C	2.3	70 †					250 △	6A§	AF	TO48
41#	35T11	900	35	80B	200m	.25	200m	10m†		2.2 †	110					630	XCØ	AF	S63b
42#	BStF0560	900	40	78C	100m	2.0		5.0m	120J					150u§	50 §	320	XC§	AD	SC4c
43#	T30F900	900	40	85C	100m	3.0	80m	10m	125J	1.8	100	2.0u☑	25	10u☑		800	XC§		M351
44#	T30F900C	900	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u☑	25	25u§	50 §	800 §	XC§		SC7b
45#	T30F900E	900	40	85C	100m	3.0	300m	10m	125J	1.8	100	2.0u☑	25	25u§	50 §	800 §	XC§		MU8
46	NLE45T	900	45	89C	70m	2.5	.50	4.0m	125J	3.0	500	5.0u	50	30u	100	1.2k	XC§	AF	TO83
47	NLE46T	900	45	89C	70m	2.5	.50	4.0m	125J	3.0	500	5.0u	50	30u	100	1.2k	XC§	BX	TO94
48#	SKT46-09	900	45	105	100m	3.0	130m			1.6	135	10u	135	30u	1.0k	700	XA		S259a
49	C146T	900	55 △		100m	3.0								40u☑			XC*		SC41
50#	33T11	900	55	72B	200m	3.0	200m	10m	100J	2.2	110					520	XCØ	AF	S266a
51	209V	900	55	85C	70m	3.0	10m§Ø	8.0m	125J	1.4	35					700	XC§	AF	SC16
52	211V	900	55	85C	70m	3.0	10m§Ø	8.0m	125J	1.4	35					700	XC§	AF	SC3a
53	35RE90	900	55	85C	110m	2.5	500m	5.0m	125J	2.2	110				10 §	700 △	XC§	AF	TO49
54	NL549T	900	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	20u§	100 §	1.2k△	XC§	AF	TO83
55	NL552T	900	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	20u§	100 §	1.2k△	XC§	BX	TO94
56#	BTX44-900R	900	55 △	90C	100m	3.0	100m§	10m	110J	1.8	110	4.0u	35	18u	20	900 §*	XB☑	AF	S189a
57#	BStG0360	900	60	40A	300m§	2.0	180m§	10m	105J	1.6 §	29	5.0u	38	40u	200	545	XA§	AF	S189C#
58#	T50F900	900	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.0u☑	25	30u§	50 §	800 §	XC§	BX	M330b%
59#	T50N900	900	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.5u☑	25	80u§	20 §	800 §	XC§	BX	M330b%
60#	BStG0260	900	65	40A	300m§	2.0	180m§	10m	105J	1.3 §	40	5.0u	42	150u	200	690	XA§	AF	S189C#
61#	SKT71-09	900	70	105	150m	3.0	150m			1.6	210	10u	210	30u	1.0k	1.5k	XA	BK	S260a
62#	BTX29-900R	900	78 △	85C	100m	3.0	100m§	10m	110J	1.7	150	6.0u	50	20u	20	1.1k§*	XB☑	AF	S189a
63#	SKT91/09	900	90	105	150m	3.0	150m			1.4	270	10u	270	30u	500	2.0k	XA	BK	S260a
64	71RE90A	900 ☑#	110	60B	70m	2.0	15mØ	2.5mØ	125J	1.8 △	220					1.0k§	XC§	BX	SC10
65	ZJ260T	900	110	62C	125m	3.0	500m	6.0m	25C	3.4 △	500m	8.0u	5.0	50u§	200	1.0k§	XC§	BX	SC10
66	70REB90	900 §	110	64C	70m	2.0	200m	5.0m	125J	2.5	220					1.0k△	XC§	AF	TO49
67	NL-C151T	900	110	70C	150m	3.0	500m	20	125J	3.5	500	8.0u	50	50u	200	1.0k	XC§	AF	TO49
68	NL-C153T	900	110	70C	150m	3.0	500m	20	125J	3.5	500	8.0u	50	50u	200	1.0k	XC§	AF	TO83
69#	BTX45-900R	900	110 △	80C	100m	3.0	100m§	10m	110J	1.7	220	7.0u	70	20u	20	1.2k§*	XB☑	AF	S189a
70	NLE151T	900	110	80C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	50u	200	1.4k	XC§	BX	TO94
71	NLE153T	900	110	80C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	50u	200	1.4k	XC§	AF	TO83
72	NLE150T	900	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	TO94
73	NLE152T	900	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	TO83
74	NLH150T	900	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	TO94
75	NLH152T	900	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	TO83
76#	SKT111-09	900	110	105	200m	3.0	200m			1.4	330	10u	330	30u	1.0k	2.5k	XA	BK	S260b
77#	T95F900	900	115	85C	100m	3.0	300m	30m	125J	1.8	300	2.5u☑	50	30u§	50 §	2.0k§	XC§	BX	MU6
78#	T100F900EFB	900	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
79#	T100F900EFC	900	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
80#	T100F900EGB	900	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
81#	T100F900EGC	900	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
82#	T125N900	900	140	85C	250m	3.0	300m	50m	125J	1.8	500	3.0u☑	100	100u§	20 §	3.0k§	XC§	BX	M330c%
83#	SKT141-09	900	140	105	200m	3.0	200m			1.2	420	10u	420	30u	500	3.5k	XA	BK	S260b
84#	CR150BX18	900	150	81C	300m	3.0		15mØ	125J	1.9	500			30u☑	100 △	4.0k	XC§	BX	SC42
85	101RE90M	900	160	80B	100m	2.0		4.0mØ	125	2.4 △	471				200	2.0k§	XC	BX	S91a
86#	SKT171-09	900	170	105	250m	3.0	200m			1.2	510	10u	510	40u	1.0k	6.0k	XA		S261a
87	228V	900	175	125J	300m	3.0		15m	125J	1.4	100	5.0u	100	40u	100	3.3k*	XC§	BC	MU15
88#	T160N900	900	185	85C	250m	3.0	300m	50m	125J	1.8	500	6.0u☑	100	100u§	50 §	4.0k§	XC§	BX	M330d%
89#	BStL0260	900	190	40A	300m§	2.0	180m§	10m	115J	1.3 §	250	5.0u	120	150u	200	2.8k	XB§		S251#
90	218V	900	200	80C	300m	4.0		15m	125J	1.3	100			40u	100	3.3k*	XC§	BX	TO93
91#	CR155-1004NA	900	210	70C	150m	3.5	35mØ	30m†	125C	1.8	450			35u☑	100	2.1k	XC		M201
92#	T170F900	900	210	85C	250m	3.0	300m	50m	125J	1.6	500	3.0u☑	100	30u§	50 §	4.0k§	XC§	BX	M330c%
93#	T170N900	900	210	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	100u		4.0k	XC§		M352a
94#	SKT221-09	900	220	105	250m	3.0	200m			1.0	660	10u	660	40u	500	7.0k	XA		S261a
95#	58TB9	900	225		.30		40m			2.0	450					1.4k	XC	BK	MU16
96#	CR150-901A	900	235	25	150m	3.5	55m					6.5u	150	100u		3.3k	XC		M201
97#	CR150-902B	900	235	25	150m	3.5	55m					6.5u	150	20u		3.3k	XC		M201
98#	BStL0460	900	235	35C	300m	2.0	180m	10m	110J					20u§	50 §	2.5k	XA§		S251
99#	BStL0560	900	235	40C	300m	2.0	200m	10m	120J					250u§	50 §	2.3k	XC§		S251
100	150RE90	900 ☑	235	55B	100m	2.5	50mØ	5.0mØ	125J	1.7 △	471					3.0k§	XC§		S86
101#	CR150-901A3	900	235	75C	150m	3.5	35mØ	15m	25C	1.4	235	6.5u	400	100u	50 §	3.3k	XC☑		M201
102#	2SF486	900	235	76S	150m	3.0	200m	20m	125J	1.5	500					3.2k	XC	BX	SC10a
103#	MA102I	900	235	85C	300m§	150m	400m§	20m	80	1.5 §	600	4.5u	200	30u	200	3.5 §*	XA☑	BX	SC39
104#	BTX46-900R	900	235 △	85C	300m	3.0	300m§	10m	110J	1.6	480	8.0u	150	50u	20	2.5k§*	XB☑	BX	SC39
105#	CR250B18	900	250	21A	350m	4.0		15mØ	125J	1.8 †	780 §				10 △	5.0k△	XC§	BX	M247a
106	229V	900	250	125J	300m	3.0		15m	125J	1.3	100	5.0u	100	40u	100	5.0k*	XC§	BC	MU15
107#	CR253-1005A	900	260	70C	150m	3.5	35mØ	30m	125	1.6	450				100 §	2.8k§	XF§		M201
108#	T220N900	900	260	85C	250m	3.0	300m	50m	125J	1.5	500	5.0u☑	100	120u§	50 §	5.0k§	XC§	BX	M330d%
109#	T260F900	900	260	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	50u§	50 §	4.0k§	XC§	BX	M330c%
110#	CR300A18	900	300	10A	350m	4.0		15mØ	125J	1.8 †	780 §				100 △	5.0k△	XC§	BX	M247a

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	2232V	900	300	125J	300m	4.0	15m	15m	125J	1.3 §	100	8.0u	100	40u	100	4.5k*	XC	BX	SC1
2#	BStN0260	900	315	40A	300m§	2.0	180m§	10m	115J	1.4 §	520	5.0u	200	150u	200	6.9k	XB§		S251A#
3#	BTX41-900R	900	315 △	80C	300m	3.0	300m§	10m	110J	1.5	600	10u	200	50u	20	3.5k§*	XB☑	BX	SC39
4#	BStN1560	900	350	64C	300m	2.0	150m	15m	125J	1.9	1.0k				200 §	5.1k	XC		
5#	T300N900	900	350	85C	250m	3.0	200m	50m	125J	1.3	500	6.0u☑	200	120u		4.5k	XC§	AF	MU11
6#	T301N900	900	350	85C	250m	3.0	300m	50m	125J	1.3	500	6.5u☑	100	130u§	50 §	6.0k§	XC§	BX	M330d%
7	223U	900	370	25B	300m	4.0	25m§Ø	15m	125J	1.2 §	100			50u	50	5.0k*	XC§	BX	SC1
8#	BStN0360	900	400	20C	300m	2.0	180m	10m	115J					40u§	20 §	4.7k	XB§		S251a
9	222V	900	400	25§	300m§	4.0 §	25m§	15m	125J	1.2 §	100					5.0k	XC§	BX	SC1
10#	BStN0560	900	400	28C	300m	2.0	180m	10m	120J					250u§	50 §	5.1k	XC§		S251a
11#	CR7K1003A5	900	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
12#	CR7K1003A45	900	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
13#	BStN2560	900	440	41C	300m	2.0	180m	10m	120J					250u§	50 §	5.1k	XC§	BX	SC57
14#	CR7K1003A4	900	460	65C	150m	3.5	55mØ	50m	125J	1.7	100	3.5u	600	180u	100	6.4k	XC§	BX	M308b
15	C29120T△	900	470	65C	150m	3.5	100m			1.2	500	5.0u	5.0		100 §	5.5k	XC§		S248
16	C29120T☑	900	470	125J	150m	3.0	100m	15m	125J	1.2 †	500	5.0u	5.0	100u§	100 §	5.5k	XC§	BX	SC2
17#	CR7K1003A35	900	480	65C	150m	3.5	78mØ	50m	125C	1.6	1.0k			180u		6.9k	XC%	BX	M308b
18#	CR7K1003A3	900	500	65C	150m	3.5	78mØ	50m	125C	1.5	1.0k			120u		7.5k	XC%	BX	M308b
19#	CR807SB1010	900	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
20	350RB90	900	550 △	75C	150m	3.0	100m	25m	125J	1.4 †	1.1k	5.0u	250	50u§	100 △Ø	5.5k*	XC§	BX	TO118
21#	CR9K1003A25	900	600	65C	150m	3.5	55mØ	50m	125J	1.3	1.0k	3.5u	600	180u	100	900	XC§	BX	M308b
22#	CR702SC1010	900	600	65C	150m	3.5	55mØ	50m	125C	1.3	1.0k	3.5u	600	180u	100	9.0k§	XC§	BK	RD48
23	C507T	900	625 △	125J	150m	4.0	100m	50m	125C	1.4	500	5.0u	25	100u☑	100	6.5k	XC§	BR	MU20
24	C508T	900	625 △	125J	150m	4.0	100m	50m	125C	1.3	500	5.0u	25	60u☑	100	9.0k	XC§	BR	MU20
25#	2WDCR152-903B	900	700 △	40B	150m	3.5	60mØ	30m	125J	2.1	775				100	3.1k	XC§		
26#	BStP1260	900	700	63C	300m	2.0	220m	20m	115J	1.5	1.2k				50	11k	XB§		MU25
27#	BStP0360	900	1.0k	34C	300m	2.0	180m	20m	110J					40u§	20 §	9.5k	XB§		MU25
28#	BStP0560	900	1.0k	39C	300m	2.0	300m	20m	115J					250u§	50 §	10k	XB§		MU25
29#	3550	900	1.0k△	40B	150m	3.5	80mØ	50m	125J	2.3	1.4k	6.5u	600	100u	100	5.6k§	XC§		
30#	BStP0260	900	1.1k	47C	300m	3.0	180m	20m	115J					180u§	20 §	11k	XB§		MU25
31#	2WDCR7K903B35	900	1.2k△	40B	150m	3.5	80mØ	50m	125J	2.0	1.3k				100	7.5k	XC§		
32#	3520	900	1.2k△	40B	150m	3.5	80mØ	50m	125J	2.0	1.7k	6.5u	600	100u	100	6.9k	XC§		
33#	4020	900	1.7k△	40B	150m	3.5	70mØ	50m	125J	1.9	2.4k				100	11k	XC§		
34#	35T12	950	35	80B	200m	.25	200m	10m†		2.2 †	110					630	XCØ	AF	S63b
35#	33T12	950	55	72B	200m	3.0	200m	10m	100J	2.2	110					520	XCØ	AF	S266a
36	NL-C36N	960	16	61C	80m	3.5	20mØ	2.5m	25	2.5 Ø	30	1.4u	5.0		10	125	XA§	AF	TO48
37	NL-C37N	960	25	37C	80m	3.5	20mØ	2.0m	105J	2.3 †	30	1.4u	5.0		10	175	XA§	AF	TO48
38	C40N	960	35	62C	40m	2.5	10mØ	2.0mØ	125J	2.0 †	50	1.4u	5.0	8.0u	20 §	150	XC§	AF	TO48
39	NL-C45N	960	55	83C	70m	3.0	100m	4.0	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO83
40	NL-C46N	960	55	83C	70m	3.0	100m	4.0	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO49
41	TSC45N	960	55	85	125m	3.0	100m	4.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	SC8
42	TSC46N	960	55	85	125m	3.0	100m	4.0m	125	2.0	4.0	5.0u		30u	100	700	XC§	AF	TO49
43	TS555N	960	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	TO49
44	TS556N	960	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	SC8
45	NLF45N	960	55	89C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50	30u§	100 §	1.2k	XC§	AF	TO83
46	NLF46N	960	55	89C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50	30u§	100 §	1.2k	XC§	BX	TO94
47	NL555N	960	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO49
48	NL556N	960	55	89C	150m	2.5	300m	10m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO83
49	NL-C50N	960	110	60C	70m	3.0	100m	4.0	125J	2.5 †	500	5.0u	50	20u	100	1.0k	XC§	AF	TO49
50	TSC50N	960	110	60	125m	3.0	100m	4.0m	125	1.3	25	5.0u		30u	100	1.0k	XC§	AF	TO49
51	TSC150N	960	110	60	200m	3.0	500m	10m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	TO49
52	TSC152N	960	110	60	200m	3.0	500m	10m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	SC8
53	NL-C180N	960	235	80C	150m	3.0	500m	4.0mØ	125J	2.9 †	1.5k	8.0u	100		200 §	3.5k	XC§		TO93
54	JAN1N4206	1.0k△	2.0	85C	50m	1.5	5.0m☑	4.0m	100	25	30		2.0	15u	250			AF	TO64
55#	2SF450	1.0k	5.0	73C	30m	2.5	10mØ	3.0mØ	100J	1.3	5.0					90	XA§	AF	SC22b
56#	CS5-1000	1.0k	5.0	85C	30m	3.0	50mØ			1.2	15		.20	60u§	200	110 §	XC§		
57	NL-C45T	1.0k	5.5	83C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO83
58#	BTX31-1000R	1.0k	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0					100	XC		S276
59#	BTX31S1000R	1.0k	7.0	95C	15m	3.0	15m	5.0m	125J	1.8	7.0					100	XC		S276
60#	BTX71-1000R	1.0k	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	20u	100	100	XC		S276
61#	BTX71S1000R	1.0k	7.0	95C	15m	3.0	15m	13m	125J	1.8	7.0	1.4u	5.0	12u§	100	100	XC		S276
62#	CS8-1000	1.0k	8.0	85C	30m	3.0	50mØ			1.3	24		.20	60u§	200	170 §	XC§		
63	TS511-4	1.0k	10	45	80m	3.0				2.5	30				20	150	XA§	AF	TO48
64#	2SF453	1.0k	10	63C	30m	2.5	10mØ	3.0mØ	100J	1.2	10					90	XA§	AF	SC22b
65	10RC100	1.0k☑	10	65C	15m	2.0	10mØ	1.5m	105J	2.3	10	3.0u	10		20	125	6A§	AF	TO48
66#	BTX32-1000R	1.0k	10	85C	25m	3.0	25m	5.0m	125J	1.8	10					120	XC		S276
67#	BTX32S1000R	1.0k	10	85C	25m	3.0	25m	5.0m	125J	1.8	10					120	XC		S276
68#	BTX72-1000R	1.0k	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	20u	100	120	XC		S276
69#	BTX72S1000R	1.0k	10	85C	25m	3.0	25m	13m	125J	1.8	10	1.4u	5.0	12u§	100	120	XC		S276
70#	2SF456	1.0k	12	61C	50m	3.5	15mØ	3.0mØ	100	1.4	12					150	XA§	AF	SC15a
71#	CR12-1103B	1.0k	15	100C	60m	3.0	140m	5.0m	125	2.1	38	2.3u	20	85u	20	120	XC§	AF	SC90a
72#	SF10N11	1.0k	16	26C	80m	3.5	100m	4.0m	100J	3.0	50					113	XA§	AF	SC72
73	202Z	1.0k	16	58C	80m	3.5	10m§Ø	2.0m	100J	1.6	10					125	XA§	AF	TO48
74#	BTW30-1000	1.0k	16	65B§			200m	13m	125J	5.0	50 †	2.0u	50	12u	200	150 *	XC§	AF	TO48
75#	CS16-1000	1.0k	16	85C	80m	3.0	50mØ			1.3	48		.20	60u§	200	350 §	XC§		
76	203Z	1.0k	16	92C	80m	3.7		4.0m	125J	1.6	10					125	XC§	AF	TO48
77#	T15N1000C	1.0k	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		SC7b
78#	T15N1000E	1.0k	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		MU8
79#	CR20A20	1.0k	20	57C	50m	3.0		3.0m	100J	1.8	60					300 △	XB§	AF	SC15a
80#	2SF459	1.0k	20	58C	50m	3.5	10mØ	3.0mØ	100	1.3	20					300	XA§	AF	SC15a
81#	BTX33-1000R	1.0k	20	65C	50m	3.0	50m	5.0m	125J	1.8	20					150	XC		S276
82#	BTX33S1000R	1.0k	20	65C	50m	3.0	50m	5.0m	125J	1.8	20			12u§		150	XC		S276
83#	BTW92-1000	1.0k	20	85B§			200m	13m	125J	2.3	50	2.0u	150	100u	300	320 *	XC§	AF	TO48
84#	BTW31-1000	1.0k	22	65B§			200m	13m	125J	2.9	50 †	2.0u	50	20u	200	225 *	XC§	AF	TO48
85#	CS22-1000	1.0k	22	85C	100m	3.0	80mØ			2.1	70		.20	65u§	50	400 §	XC§		
86#	CR181103RB	1.0k	23	75C	40m	3.0	78m	5.0m	125C	2.1	57				20 Ø§	180 *§	XC§	AF	SC90a
87#	SF16N11	1.0k	25	57C	40m	3.0		8.0m	125J	1.9	50					135	XC§	AD	SC4
88#	BTX73-1000R	1.0k	25	60C	40m	3.0	50m	13m	125J	2.0 △	50	1.4u	10	20u	100	150	XC		S276
89#	BTX73S1000R	1.0k	25	60C	40m	3.0	50m	13m	125J	2.0 △	50	1.4u	10	12u§	100	150	XC		S276
90	201Z	1.0k	25	75C	40m	3.0		4.0m	125J	2.3	50					250	XC§	AF	TO48
91#	T22N1000	1.0k	28	85C	100m	3.0	80m	10m	125J	1.9	60	2.5u☑	20	80u		400	XC§		M353
92#	T22N1000C	1.0k	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		SC7b
93#	T22N1000E	1.0k	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		MU9
94#	BTW24-1000	1.0k	30	85B§			200m	18m	125J	2.1	100 †	2.0u	100	100u	200	600 *	XC§		
95#	CR30-10	1.0k	30	90C	60m	3.0		3.0m	125C	1.6 †	90					350 §	4C§	AF	SC61
96	NL-C35P	1.0k	35 △	25	40m	2.5	10mØ					1.4u	5.0	30u	200 §	200	XC§	AF	TO48
97	16RC100	1.0k☑	35 △	35C	40m	3.0	20mØ	1.0mØ	125C	2.3	70 †					250 △	6A§	AF	TO48
98#	BTW32-1000R	1.0k	35	65B	150m	2.5	200m			3.5	100		20	25u	200	600 §	5C§	AF	SC93
99#	CS40-1000	1.0k	40	85C	80m	3.0	50mØ			1.7	120		2.0	50u§	500	800 §	XC§		
100#	SKT45/10	1.0k	45	85	.10	3.0	.13			1.6	135	10u	135	50u	50	700	X8		
101#	BTW24-1000R	1.0k	50	75B	150m	2.5	200m	12m	125J	2.0	100	2.0u	100	100u	200	600	5C§	AF	SC93
102#	CR50-10	1.0k	50	80C	80m	3.0		4.0m	125C	1.6 †	150					950 §	4C§	BX	SC42d
103	C146P	1.0k	55 △		100m	3.0								40u☑			XC*		SC41
104	NL-C46T	1.0k	55	83C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50		200	700	XC§	AF	TO49
105	36RE100M	1.0k	55	85B	70m	2.5		2.5m	125J	2.6	220m				200	700 §	XC§	AF	TO83
106	37RE100M	1.0k	55	85B	70m	2.5		2.5m	125J	2.6	220m				200	700 §	XC§	AF	TO83
107	209Z	1.0k	55	85C	70m	3.0	10m§Ø	8.0m	125J	1.4	35					700	XC§	AF	SC16
108	211Z	1.0k	55	85C	70m	3.0	1.1 §Ø	8.0m	125J	1.4	35					700	XC§	AF	SC3a

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	35RE100	1.0k	55	85C	110m	2.5	500m	5.0m	125J	2.2	110				10 §	700 △	XC§	AF	TO49
2	TSC45T	1.0k	55	85	125m	3.0	100m	4.0m	125	2.0 †	4.0	5.0u		30u	100	700	XC§	AF	SC8
3	TSC46T	1.0k	55	85	125m	3.0	100m	4.0m	125	2.0 †	4.0	5.0u		30u	100	700	XC§	AF	TO49
4	TS555T	1.0k	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	TO49
5	TS556T	1.0k	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	SC8
6	NLF45T	1.0k	55	89C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50	30u§	100 §	1.2k	XC§	AF	TO83
7	NLF46T	1.0k	55	89C	70m	3.0	100m	4.0m	125J	3.0 †	500	5.0u	50	30u§	100 §	1.2k	XC§	BX	TO94
8	NL555T	1.0k	55	89C	150m	2.5	300m	6.0m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO49
9	NL556T	1.0k	55	89C	150m	2.5	300m	6.0m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO83
10	NL549P	1.0k	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	20u§	100 §	1.2k△	XC§	AF	TO83
11	NL552P	1.0k	55 △	89C	200m	2.5	500m	4.0m	125J	3.6 †	500	5.0u	50	20u§	100 §	1.2k△	XC§	BX	TO94
12#	BTX44-1000R	1.0k	55 △	110J	100m	3.0	100m§	10m	110J	1.8 §	110	4.0u§	35	100u	100 Ø§	900 *	XB§	AF	S189a
13#	T50N1000	1.0k	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.5u☑	25	80u§	20 §	800 §	XC§	BX	M330b%
14#	CS65-1000	1.0k	65	85C	80m	3.0	50mØ			1.3	200		2.0	50u§	500	1.2k	XC§		
15#	BTW23-1000R	1.0k	70		200m	3.5									100	1.5k	XC§	AF	TO49
16#	BTW23-1000	1.0k	70	85B§			200m	13m	125J	2.5	500 †	2.5u	100	200u	200	1.5k*	XC§		
17#	SKT70/10	1.0k	70	85	.15	3.0	.15			1.6	210	10u	210	70u	50	1.5k	X8		
18#	BTX29/1000R	1.0k	78 △	110J	100m	3.0	100m§	10m	110J	1.7 §	150	5.0u§	50	100u	100 Ø§	1.1k*	XB§	AF	S189a
19#	CS42-1000	1.0k	82	40	110m	2.0	200m	15m	115	1.9	180				200	900	XB§		
20#	SKT90/10	1.0k	90	85	150m	3.0	150m			1.4	270	10u	270	70u	50	2.0k	X8		
21#	CR100-10	1.0k	100	90C	100m	3.0		4.0m	125C	1.8 †	350					1.2k§	4C§	BX	SC42c
22	TIC04	1.0k	110	55C	125m	3.0		15	125C	2.3	110				200	1.0k	XC☑	AF	TO49
23	70RE100A	1.0k§#	110	60C	70m	2.0	15mØ	2.5mØ	125J	1.8	220					1.0k△	XC§	AF	TO49
24	NL-C50T	1.0k	110	60C	70m	3.0	100m	4.0m	125J	2.5 †	500	5.0u	50	20u	100	1.0k	XC§	AF	TO49
25	TSC50T	1.0k	110	60	125m	3.0	100m	4.0m	125	1.3	25	5.0u		30u	100	1.0k	XC§	AF	TO49
26	TSC150T	1.0k	110	60	200m	3.0	500m	5.0m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	TO49
27	TSC152T	1.0k	110	60	200m	3.0	500m	5.0m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	SC8
28	ZJ260P	1.0k	110	62C	125m	3.0	500m	6.0m	25C	3.4 △	500m	8.0u§	5.0	50u§	200	1.0k§	XC§	BX	SC10
29	70REB100	1.0k§	110	64C	70m	2.0	200m	5.0m	125J	2.5	220					1.0k△	XC§	AF	TO49
30	NL-C151P	1.0k	110	70C	150m	3.0	500m	20m	125J	3.5	500	8.0u	50	50u	200	1.0k	XC§	AF	TO49
31	NL-C153P	1.0k	110	70C	150m	3.0	500m	20m	125J	3.5	500	8.0u	50	50u	200	1.0k	XC§	AF	TO83
32	NLE151P	1.0k	110	80C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	50u	200	1.4k	XC§	BX	TO94
33	NLE153P	1.0k	110	80C	.15	2.5	.50	8.0m	125J	2.6	500	8.0u	50	50u	200	1.4k	XC§	AF	TO83
34	NLF153PA	1.0k	110 △	80C	150m	2.5	500m	8.0m	125J	2.6 †	500	8.0u	50	50u§	200 §	1.4k△	XC§	AF	TO83
35#	SKT110/10	1.0k	110	85	.20	3.0	.20			1.4	330	10u	330	80u	50	2.5k	X8		
36	NLE150P	1.0k	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	TO94
37	NLE152P	1.0k	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	TO83
38	NLH150P	1.0k	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	BX	TO94
39	NLH152P	1.0k	110	89C	.15	2.5	.50	4.0m	125J	2.6	500	8.0u	50	150u	200	1.6k	XC§	AF	TO83
40#	BTX45-1000R	1.0k	110 △	110J	100m	3.0	100m§	10m	110J	1.7 §	220	6.0u§	70	100u	100 Ø§	1.2 *	XB§	AF	S189a
41#	T100F1000EFB	1.0k	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
42#	T100F1000EFC	1.0k	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
43#	T100F1000EGB	1.0k	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
44#	T100F1000EGC	1.0k	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
45#	CS130-1000	1.0k	130	85C	150m	3.0	100mØ			1.5	400		.70	60u§	500	3.5k	XC§		
46#	SKT140/10	1.0k	140	85C	200m	3.0	200m			1.5	250			80u	50	3.5k	XF*	BK	S260b
47#	T125N1000	1.0k	140	85C	250m	3.0	300m	50m	125J	1.8	500	3.0u☑	100	100u§	20 §	3.0k§	XC§	BX	M330c%
48	101RE100M	1.0k	160	80B	100m	2.0		4.0mØ	125	2.4 △	471				200	2.0k§	XC	BX	S91a
49#	SKT170/10	1.0k	170	85	.25	3.0	.20			1.2	510	10u	510	100u	50	6.0k	X8		
50#	CR150B20	1.0k	175	75C	300m	3.0		15mØ	125J	1.8 †	500 §					4.0k△	XC§	BX	SC42
51	228Z	1.0k	175	125J	300m	3.0		15m	125J	1.4	100	5.0u	100	40u	100	3.3k*	XC§	BC	MU15
52#	T160N1000	1.0k	185	85C	250m	3.0	300m	50m	125J	1.8	500	6.0u☑	100	100u§	50 §	4.0k§	XC§	BX	M330d%
53#	TY120SP10K2	1.0k	190	70B	220m	3.5	40m	24m	125J	1.7	300				200 §	2.4k	XC§		
54#	CS195-1000	1.0k	195	85C	150m	3.0	100mØ			1.6	600		700m	60u§	500	5.0k§	XC§		
55	218Z	1.0k	200	80C	300m	4.0		15m	125J	1.3	100			40u	100	3.3k*	XC§	BX	TO93
56#	T170N1000	1.0k	210	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	100u		4.0k	XC§		M352a
57#	SKT220/10	1.0k	220	85	.25	3.0	.20			1.0	660	10u	660	100u	50	7.0k	X8		
58#	58TB10	1.0k	225		.30			40m		2.0	450					1.4k	XC	BK	MU16
59#	CR150-1001A	1.0k	235	25	150m	3.5	55m					6.5u	150	100u		3.3k	XC		M201
60#	CR150-1002B	1.0k	235	25	150m	3.5	55m					6.5u	150	20u		3.3k	XC		M201
61	150RE100	1.0k☑	235	55B	100m	2.5	50mØ	5.0mØ	125J	1.7 △	471					3.0k§	XC§		S86
62#	CR150-1001A3	1.0k	235	75C	150m	3.5	35mØ	15m	25C	1.4	235	6.5u	400	100u	50 §	3.3k	XC☑		M201
63	NL-C180T	1.0k	235	80C	150m	3.0	500m	4.0mØ	125J	2.9 †	1.5k	8.0	100		200 §	3.5k	XC§		TO93
64#	CR250B20	1.0k	250	21A	350m	4.0		15mØ	125J	1.8 †	780 §				10 △	5.0k△	XC§	BX	M247a
65	229Z	1.0k	250	125J	300m	3.0		15m	125J	1.3	100	5.0u	100	40u	100	5.0k*	XC§	BC	MU15
66#	CR253-1105A	1.0k	260	70C	150m	3.5	35mØ	30m	125	1.6	450				100 §	2.8k§	XF§		M201
67#	T220N1000	1.0k	260	85C	250m	3.0	300m	50m	125J	1.5	500	5.0u☑	100	120u§	50 §	5.0k§	XC§	BX	M330d%
68#	CR300A20	1.0k	300	10A	350m	4.0		15mØ	125J	1.8 †	780 §				100 △	5.0k△	XC§	BX	M247a
69#	CR300AW20	1.0k	300	11A	350m	4.0	30mØ	15m	125J	1.9 §	780			50 §	100 §	5.0k	4C	BX§	SC56
70#	BTX46-1000R	1.0k	300 △	110J	300m	2.5	150m	10m△	110J	1.6 §	600	20u☑	250	200u§	20 §	4.0k§	XB§	BX	SC39
71	2232Z	1.0k	300	125J	300m	4.0		15m	125J	1.3 §	100	8.0u	100	40u	100	4.5k*	XC	BX	SC1
72#	TY290SP10K2	1.0k	305	70B	220m	3.5	45m	24m	125J	1.7	1.0k				200 §	5.4k	XC§		
73#	TYA290SP10K2	1.0k	305	70B	220m	3.5	45m	24m	125J	1.6	600				200 §	5.4k	XC§		
74#	T300N1000	1.0k	350	85C	250m	3.0	200m	50m	125J	1.3	500	6.0u☑	200	120u		4.5k	XC§	AF	MU11
75#	T301N1000	1.0k	350	85C	250m	3.0	300m	50m	125J	1.3	500	6.5u☑	100	130u§	50 §	6.0k§	XC§	BX	M330d%
76	223Z	1.0k	370	25B	300m	4.0	25m§Ø	15m	125J	1.2 §	100			50u	50	5.0k*	XC§	BX	SC1
77	222Z	1.0k	400	25§	300m§	4.0 §	25m§	15m	125J	1.2 §	100					5.0k	XC§	BX	SC1
78	251RM100	1.0k☑	400	60C	150m	2.5	500m	20m	125J	1.7 †	785		500	40u§	200 §	5.5k△	XC§	BX	TO108
79	250RA100	1.0k☑	400 △	75C	150m	3.0	500m	25m	125J	1.7	785 †	75 ♦	250	60u§	100 §	6.5k△	4C§	BX	TO118
80#	FT500AW20	1.0k	400	75C	350m	4.0		30m	125J	2.2	1.2k§		400	50u☑	200 △	7.0k△	4C§	BC	MU14
81#	CR7K1103A5	1.0k	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
82#	CR7K1103A45	1.0k	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
83#	TY490SP10K2	1.0k	450	70B	220m	3.5	31m	24m	125J	1.6	1.0k				200 §	7.5k	XC§		
84#	TYA490SP10K2	1.0k	450	70B	220m	3.5	31m	24m	125J	1.6	1.0k				200 §	7.5k	XC§	BX	RD55
85#	CR7K1103A4	1.0k	460	65C	150m	3.5	55mØ	50m	125J	1.7	100	3.5u	600	180u	100	6.4k	XC§	BX	M308b
86	C29120P△	1.0k	470	65C	150m	3.5	100m			1.2	500	5.0u	5.0		100 §	5.5k	XC§		S248
87	C29120P☑	1.0k	470	125J	150m	3.0	100m	15m	125J	1.2 †	500	5.0u	5.0	100u§	100 §	5.5k	XC§	BX	SC2
88#	CR7K1103A35	1.0k	480	65C	150m	3.5	78mØ	50m	125C	1.6	1.0k			180u		6.9k	XC%	BX	M308b
89#	CR7K1103A3	1.0k	500	65C	150m	3.5	78mØ	50m	125C	1.5	1.0k			120u		7.5k	XC%	BX	M308b
90#	YST301QP10K3	1.0k	500	70B	220m	3.5	100m	30m	125J	1.9	1.0k	4.0u☑	600	20u☑	200 §	7.4k	XC§	BB	MU68
91#	CR807SB1111	1.0k	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
92	350RB100	1.0k	550 △	75C	150m	3.0	100m	25m	125J	1.4 †	1.1	5.0u	250	50u§	100 △Ø	5.5k*	XC§	BX	TO118
93#	TY500SP10K2	1.0k	590	70C	220m	3.5	31m	24m	125J	1.6	1.0k				200 §	8.4k	XC§		MU67
94#	CR9K1103A25	1.0k	600	65C	150m	3.5	55mØ	50m	125J	1.3	1.0k	3.5u	600	180u	100	900	XC§	BX	M308b
95#	CR702SC1111	1.0k	600	65C	150m	3.5	55mØ	50m	125C	1.3	1.0k	3.5u	600	180u	100	9.0k§	XC§	BK	RD48
96	C507P	1.0k	625 △	125J	150m	4.0	100m	50m	125C	1.4	500	5.0u	25	100u☑	100	6.5k	XC§	BR	MU20
97	C508P	1.0k	625 △	125J	150m	4.0	100m	50m	125C	1.3	500	5.0u	25	60u☑	100	9.0k	XC§	BR	MU20
98#	SH400N21	1.0k	630	115J	260m	3.5		35m	125J	1.9	1.2k	6.0u	400	50u	50	7.2k	4B§		MU17
99#	2WDCR152-1003B	1.0k	700 △	40B	150m	3.5	60mØ	30m	125J	2.1	775				100	3.1k	XC§		
100#	SF800N21	1.0k	800	125J	320m	4.0		35	125J	2.1	2.5k					13k	4C§		MU17
101#	3551	1.0k	1.0k△	40B	150m	3.5	80mØ	50m	125J	2.3	1.4k	6.5u	600	100u	100	5.6k§	XC§		
102#	YST801SP10K2	1.0k	1.0k	70C	220m	3.5	100m	24m	125J	1.6	1.8k				200 §	16k	XC§	BC	MU66
103#	2WDCR7K1003B35	1.0k	1.2k△	40B	150m	3.5	80mØ	50m	125J	2.0	1.3k				100	7.5k	XC§		
104#	3521	1.0k	1.2k△	40B	150m	3.5	80mØ	50m	125J	2.0	1.7k	6.5u	600	100u	100	6.9k	XC§		
105#	2WDCR7K1103B4	1.0k	1.2k	40B	150	3.5	80mØ	50mt	125J	2.0	1.7k				100	7.5k	XC		
106#	4021	1.0k	1.7k△	40B	150m	3.5	70mØ	50m	125J	1.9	2.4k				100	11k	XC§		

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	2WDCR7K1203B4																		
		1.1k	1.2 Δ	40B	150	3.5	80mØ	50mt	125J	2.0	1.7k				100	7.5k	XC		
2#	CR6-1203B	1.1k	6.0	100	80m	3.0	78m			2.1		2.3u		120u	20	60	XC		
3#	CR12-1203B	1.1k	15	100C	60m	3.0	140m	5.0m	125	2.1	38	2.3u	20	85u	20	120	XC§	AF	SC90a
4	202ZB	1.1k	16	58C	80m	3.5		4.0m	100J	1.6	10					125	XA§	AF	TO48
5	203ZB	1.1k	16	92C	80m	3.7		4.0m	125J	1.6	10					125	XC§	AF	TO48
6#	T15N1100C	1.1k	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		SC7b
7#	T15N1100E	1.1k	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		MU8
8#	CS22-1100	1.1k	22	85C	100m	3.0	80mØ			2.1	70		200m	65u§	50	400 §	XC§		
9#	CR18-1203B	1.1k	22	100	40m	3.0	140m			2.1		2.3u		120u	20	160	XC		
10#	CR181203RB	1.1k	23	75C	40m	3.0	78m	5.0m	125C	2.1	57				20 Ø§	180 *§	XC§	AF	SC90a
11	201ZB	1.1k	25	75C	40m	3.0		4.0m	125J	2.3	50					250	XC§	AF	TO48
12#	T22N1100	1.1k	28	85C	100m	3.0	80m	10m	125J	1.9	60	2.5u☑	20	80u		400	XC§		M353
13#	T22N1100C	1.1k	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		SC7b
14#	T22N1100E	1.1k	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		MU9
15#	CR24-1203B	1.1k	30	100	40m	3.0	140m			2.1		2.3u		120u	20	290	XC		
16#	CS40-1100	1.1k	40	85C	80m	3.0	50mØ			1.7	120		2.0	50u§	500	800 §	XC§		
17	35RE110	1.1k	55	85C	110m	2.5	500m	5.0m	125J	2.2	110				10 §	700 Δ	XC§	AF	TO49
18#	T50N1100	1.1k	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.5u☑	25	80u§	20 §	800 §	XC§	BX	M330b%
19#	CS65-1100	1.1k	65	85C	80m	3.0	50mØ			1.3	200		2.0	50u§	500	1.2k	XC§		
20	70RE110A	1.1k§#	110	60C	70m	2.0	15mØ	2.5mØ	125J	1.8	220					1.0kΔ	XC§	AF	TO49
21	ZJ260PA	1.1k	110	62C	125m	3.0	500m	5.0m	25C	3.4 Δ	500m	8.0u§	5.0	50u§	200	1.0k§	XC§	BX	SC10
22	70REB110	1.1k§	110	64C	70m	2.0	200m	5.0m	125J	2.5	220					1.0kΔ	XC§	AF	TO49
23	NLF151PA	1.1k	110	80C	150m	2.5	500m	8.0m	125J	2.6 †	500	8.0u	50	50u☑	200	1.4k	XC§	BX	TO94
24#	T100F1100EFB	1.1k	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
25#	T100F1100EFC	1.1k	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
26#	T100F1100EGB	1.1k	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
27#	T100F1100EGC	1.1k	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
28#	CS130-1100	1.1k	130	85C	150m	3.0	100mØ			1.5	400		700m	60u§	500	3.5k	XC§		
29#	T125N1100	1.1k	140	85C	250m	3.0	300m	50m	125J	1.8	500	3.0u☑	100	100u§	20 §	3.0k§	XC§	BX	M330c%
30	101RE110M	1.1k	160	80B	100m	2.0		4.0mØ	125	2.4 Δ	471				200	2.0k§	XC	BX	S91a
31	228ZB	1.1k	175	125J	300m	3.0		15m	125J	1.4	100	5.0u	100	40u	100	3.3k*	XC§	BC	MU15
32#	T160N1100	1.1k	185	85C	250m	3.0	300m	50m	125J	1.8	500	6.0u☑	100	100u§	50 §	4.0k§	XC§	BX	M330d%
33#	CS195-1100	1.1k	195	85C	150m	3.0	100mØ			1.6	600		700m	60u§	500	5.0k§	XC§		
34	218ZB	1.1k	200	80C	300m	4.0		15m	125J	1.3	100			40u	100	3.3k*	XC§	BX	TO93
35#	57TB11	1.1k	210		.30			40m		2.0	420					1.3k	XC	BK	MU16
36#	T170N1100	1.1k	210	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	100u		4.0k	XC§		M352a
37#	58TB11	1.1k	225		.30			40m		2.0	450					1.4k	XC	BK	MU16
38#	CR150-1101A	1.1k	235	25	150m	3.5	55m					6.5u	150	100u		3.3k	XC		M201
39#	CR150-1102B	1.1k	235	25	150m	3.5	55m					6.5u	150	20u		3.3k	XC		M201
40	150RE110	1.1k☑	235	55B	100m	2.5	50mØ	5.0mØ	125J	1.7 Δ	471					3.0k§	XC§		S86
41#	CR150-1101A3	1.1k	235	75C	150m	3.5	35mØ	15m	25C	1.4	235	6.5u	400	100u	50 §	3.3k	XC☑		M201
42	NLF180PA	1.1k	235	80C	150m	2.5	500m	12m	125J	2.9 †	1.5k	8.0u	100	125u§	200	3.5k	XC§	BX	TO93
43	229ZB	1.1k	250	125J	300m	3.0		15m	125J	1.3	100	5.0u	100	40u	100	5.0k*	XC§	BC	MU15
44#	CR253-1205A	1.1k	260	70C	150m	3.5	35mØ	30m	125	1.6	450				100 §	2.8k§	XF§		M201
45#	T220N1100	1.1k	260	85C	250m	3.0	300m	50m	125J	1.5	500	5.0u☑	100	120u§	50 §	5.0k§	XC§	BX	M330d%
46#	T300N1100	1.1k	350	85C	250m	3.0	200m	50m	125J	1.3	500	6.0u☑	200	120u		4.5k	XC§	AF	MU11
47#	T301N1100	1.1k	350	85C	250m	3.0	300m	50m	125J	1.3	500	6.5u☑	100	130u§	50 §	6.0k§	XC§	BX	M330d%
48	223ZB	1.1k	370	25B	300m	4.0	25m§Ø	15m	125J	1.2 §	100			50u	50	5.0k*	XC§	BX	SC1
49	251RM110	1.1k☑	400	60C	150m	2.5	500m	18m	125J	1.7 †	785		500	40u§	200 §	5.5kΔ	XC§	BX	TO108
50	250RA110	1.1k☑	400 Δ	75C	150m	3.0	500m	25m	125J	1.7	785 †	50 ♦	250	60u§	100 §	6.5kΔ	4C§	BX	TO118
51#	CR7K1203A5	1.1k	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
52#	CR7K1203A45	1.1k	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
53#	CR7K1203A4	1.1k	460	65C	150m	3.5	55mØ	50m	125J	1.7	100	3.5u	600	180u	100	6.4k	XC§	BX	M308b
54	C29120PAΔ	1.1k	470	65C	150m	3.5	100m			1.2	500	5.0u	5.0		100 §	5.5k	XC§		S248
55	NLF291PA	1.1k	470	66C	150m	2.5	100m	15m	125J	1.2 †	500	5.0u	5.0	100u§	100	5.5k	XC§		
56	NLF290PA	1.1k	470 Δ	67C	150m	3.0	100m	15m	125J	1.2 †	500	5.0u	100	150u☑	100 §	5.5kΔ	XC§	BX	TO118
57	C29120PA☑	1.1k	470	125J	150m	3.0	100m	15m	125J	1.2 †	500	5.0u	5.0	100u§	100 §	5.5k	XC§	BX	SC2
58#	CR7K1203A35	1.1k	480	65C	150m	3.5	78mØ	50m	125C	1.6	1.0k			180u		6.9k	XC%	BX	M308b
59#	CR7K1203A3	1.1k	500	65C	150m	3.5	78mØ	50m	125C	1.5	1.0k			120u		7.5k	XC%	BX	M308b
60#	CR807SB1212	1.1k	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
61	350RB110	1.1k	550 Δ	75C	150m	3.0	100m	25m	125J	1.4 †	1.1	5.0u	250	50u§	100 ΔØ	5.5k*	XC§	BX	TO118
62#	CR9K1203A25	1.1k	600	65C	150m	3.5	55mØ	50m	125J	1.3	1.0k	3.5u	600	180u	100	900	XC§	BX	M308b
63#	CR702SC1212	1.1k	600	65C	150m	3.5	55mØ	50m	125C	1.3	1.0k	3.5u	600	180u	100	9.0k§	XC§	BK	RD48
64	C507PA	1.1k	625 Δ	125J	150m	4.0	100m	50m	125C	1.4	500	5.0u	25	100u☑	100	6.5k	XC§	BR	MU20
65	C508PA	1.1k	625 Δ	125J	150m	4.0	100m	50m	125C	1.3	500	5.0u	25	60u☑	100	9.0k	XC§	BR	MU20
66#	2WDCR152-1103B																		
		1.1k	700 Δ	40B	150m	3.5	60mØ	30m	125J	2.1	775				100	3.1k	XC§		
67#	3552	1.1k	1.0kΔ	40B	150m	3.5	80mØ	50m	125J	2.3	1.4k	6.5u	600	100u	100	5.6k§	XC§		
68#	2WDCR7K1103B35																		
		1.1k	1.2kΔ	40B	150m	3.5	80mØ	50m	125J	2.0	1.3k				100	7.5k	XC§		
69#	3522	1.1k	1.2kΔ	40B	150m	3.5	80mØ	50m	125J	2.0	1.7k	6.5u	600	100u	100	6.9k	XC§		
70#	4022	1.1k	1.7kΔ	40B	150m	3.5	70mØ	50m	125J	1.9	2.4k				100	11k	XC§		
71#	CS0.6-12	1.2k	650m		10m	3.0	20m			1.4	2.0			60u	200	35	XC		
72#	2WDCR7K1303B4																		
		1.2k	1.2 Δ	40B	150	3.5	80mØ	50mt	125J	2.0	1.7k				100	7.5k	XC		
73	TS511-6	1.2k	10	45	80m	3.0				2.5	30				20	150	XA§	AF	TO48
74	202ZD	1.2k	16	58C	80m	3.5		4.0m	100J	1.6	10					125	XA§	AF	TO48
75#	BTW30-1200	1.2k	16	65B$			200m	13m	125J	5.0	50 †	2.0u	50	12u	200	150 *	XC§	AF	TO48
76	203ZD	1.2k	16	92C	80m	3.7		4.0m	125J	1.6	10					125	XC§	AF	TO48
77#	T15N1200C	1.2k	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		SC7b
78#	T15N1200E	1.2k	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		MU8
79#	BTW92-1200	1.2k	20	85B$			200m	13m	125J	2.3	50	2.0u	150	100u	300	320 *	XC§	AF	TO48
80#	BTW31-1200	1.2k	22	65B$			200m	13m	125J	2.9	50 †	2.0u	50	20u	200	225 *	XC§	AF	TO48
81#	CS22-1200	1.2k	22	85C	100m	3.0	80mØ			2.1	70		.20	65u§	50	400 §	XC§		
82#	CR181303RB	1.2k	23	75C	40m	3.0	78m	5.0m	125C	2.1	57				20 Ø§	180 *§	XC§	AF	SC90a
83	201ZD	1.2k	25	75C	40m	3.0		4.0m	125J	2.3	50					250	XC§	AF	TO48
84#	T22N1200	1.2k	28	85C	100m	3.0	80m	10m	125J	1.9	60	2.5u☑	20	80u		400	XC§		M353
85#	T22N1200C	1.2k	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		SC7b
86#	T22N1200E	1.2k	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		MU9
87#	BTW24-1200	1.2k	30	85B$			200m	18m	125J	2.1	100 †	2.0u	100	100u	200	600 *	XC§		
88#	BStP0280	1.2k	35	53C	100m	2.0	200m	10m	120J					150u§	20 §	300	XC§		MU25
89#	BTW32-1200R	1.2k	35	65B	150m	2.5	200m			3.5	100		20	25u	200	600 §	5C§	AF	SC93
90#	CS40-1200	1.2k	40	85C	80m	3.0	50mØ			1.7	120		2.0	50u§	500	800 §	XC§		
91#	SKT45/12	1.2k	45	85	.10	3.0	.13			1.6	135	10u	135	50u	50	7C0	X8		
92#	BTW24-1200R	1.2k	50	75B	150m	2.5	200m	10m	125J	2.1	100	2.0u	100	100u	200	600	5C§	AF	SC93
93	35RE120	1.2k	55	85C	110m	2.5	500m	5.0m	125J	2.2	110				10 §	700 Δ	XC§	AF	TO49
94	TS555P	1.2k	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	TO49
95	TS556P	1.2k	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	SC8
96	NL555P	1.2k	55	89C	150m	2.5	300m	6.0m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO49
97	NL556P	1.2k	55	89C	150m	2.5	300m	6.0m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO83
98#	BTX44-1200R	1.2k	55 Δ	110J	100m	3.0	100m§	10m	110J	1.8 §	110	4.0u§	35	100u	100 Ø§	900 *	XB§	AF	S189a
99#	T50N1200	1.2k	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.5u☑	2.5	80u§	20 §	800 §	XC§	BX	M330b%
100#	CS65-1200	1.2k	65	85C	80m	3.0	50mØ			1.3	200		2.0	50u§	500	1.2k	XC§		
101#	BTW23-1200	1.2k	70	85B$			200m	13m	125J	2.5	500 †	2.5u	100	200u	200	1.5k*	XC§		
102#	SKT70/12	1.2k	70	85	.15	3.0	.15			1.6	210	10u	210	70u	50	1.5k	X8		
103#	BTX29-1200R	1.2k	78 Δ	110J	100m	3.0	100m§	10m	110J	1.7 §	150	5.0u§	50	100u	100 Ø§	1.1k*	XB§	AF	S189a
104#	CS42-1200	1.2k	82	40	110m	2.0	200m	15m	115	1.9	180				200	900	XB§		
105#	T70F1200EFC	1.2k	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	25u☑	400	2.4k§	XC§		MU6
106#	T70F1200EGB	1.2k	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	30u☑	50	2.4k§	XC§		MU6

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	T70F1200EGC	1.2k	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	30u☑	400	2.4k§	XC§		MU6
2#	SKT90/12	1.2k	90	85	150m	3.0	150m			1.4	270	10u	270	70u	50	2.0k	X8		
3	TIC05	1.2k	110	55C	125m	3.0		15m	125C	2.3	110				200	1.0k	XC☑	AF	TO49
4	70RE120A	1.2k§#	110	60C	70m	2.0	15mØ	2.5mØ	125J	1.8	220					1.0kΔ	XC§	AF	TO49
5	TSC150P	1.2k	110	60	200m	3.0	500m	5.0m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	TO49
6	TSC152P	1.2k	110	60	200m	3.0	500m	5.0m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	SC8
7	70REB120	1.2k§	110	64C	70m	2.0	200m	5.0m	125J	2.5	220					1.0kΔ	XC§	AF	TO49
8#	SKT110/12	1.2k	110	85	.20	3.0	.20			1.4	330	10u	330	80u	50	2.5k	X8		
9#	BTX45-1200R	1.2k	110 Δ	110J	100m	3.0	100m§	10m	110J	1.7 §	220	6.0u§	70	100u	100 Ø§	1.2k*	XB§	AF	S189a
10#	T100F1200EFB	1.2k	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	50	3.2k§	XC§		MU6
11#	T100F1200EFC	1.2k	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
12#	T100F1200EGB	1.2k	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	50	3.2k§	XC§		MU6
13#	T100F1200EGC	1.2k	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
14#	CS130-1200	1.2k	130	85C	150m	3.0	100mØ			1.5	400		700m	60u§	500	3.5k	XC§		
15#	SKT140/12	1.2k	140	85C	200m	3.0	200m			1.5	250			80u	50	3.5k	XF*	BK	S260b
16#	T125N1200	1.2k	140	85C	250m	3.0	300m	50m	125J	1.8	500	3.0u☑	100	100u§	20 §	3.0k§	XC§	BX	M330c%
17	101RE120M	1.2k	160	80B	100m	2.0		4.0mØ	125	2.4 Δ	471				200	2.0k§	XC	BX	S91a
18#	SKT170/12	1.2k	170	85	.25	3.0	.20			1.2	510	10u	510	100u	50	6.0k	X8		
19#	CR150B24	1.2k	175	75C	300m	3.0		15mØ	125J	1.8 †	500 §					4.0kΔ	XC§	BX	SC42
20	228ZD	1.2k	175	125J	300m	3.0	500m	15m	125J	1.4	100	5.0u	100	40u	100	3.3k*	XC§	BC	MU15
21#	T160N1200	1.2k	185	85C	250m	3.0	300m	50m	125J	1.8	500	6.0u☑	100	100u§	50 §	4.0k§	XC§	BX	M330d%
22#	TY120SP12K2	1.2k	190	70B	220m	3.5	40m	23m	125J	1.7	300				200 §	2.4k	XC§		
23#	CS195-1200	1.2k	195	85C	150m	3.0	100mØ			1.6	600		.70	60u§	500	5.0k§	XC§		
24	218ZD	1.2k	200	80C	300m	4.0		15m	125J	1.3	100			40u	100	3.3k*	XC§	BX	TO93
25#	57TB12	1.2k	210		.30			40m		2.0	420					1.3k	XC	BK	MU16
26#	T170N1200	1.2k	210	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	100u		4.0k	XC§		M352a
27#	SKT220/12	1.2k	220	85	.25	3.0	.20			1.0	660	10u	660	100u	50	7.0k	X8		
28#	58TB12	1.2k	225		.30			40m		2.0	450					1.4k	XC	BK	MU16
29#	CR150-1202B	1.2k	235	25	150m	3.5	55m					6.5u	150	20u		3.3k	XC		M201
30	150RE120	1.2k☑	235	55B	100m	2.5	50mØ	5.0mØ	125J	1.7 Δ	471					3.0k§	XC§		S86
31#	CR150-1201A3	1.2k	235	75C	150m	3.5	35mØ	15m	25C	1.4	235	6.5u	400	100u	50 §	3.3k	XC☑		M201
32	NLF180PB	1.2k	235	80C	150m	2.5	500m	12m	125J	2.9 †	1.5k	8.0u	100	125u§	200	3.5k	XC§	BX	TO93
33#	CR250B24	1.2k	250	21A	350m	4.0		15mØ	125J	1.8 †	780 §				10 Δ	5.0kΔ	XC§	BX	M247a
34	229ZD	1.2k	250	125J	300m	3.0		15m	125J	1.3	100	5.0u	100	40u	100	5.0k*	XC§	BC	MU15
35#	CR253-1305A	1.2k	260	70C	150m	3.5	35mØ	30m	125	1.6	450				100 §	2.8k§	XF§		M201
36#	T220N1200	1.2k	260	85C	250m	3.0	300m	50m	125J	1.5	500	5.0u☑	100	120u§	50 §	5.0k§	XC§	BX	M330d%
37#	CR300A24	1.2k	300	10A	350m	4.0		15mØ	125J	1.8 †	780 §				100 Δ	5.0kΔ	XC§	BX	M247a
38#	CR300AW24	1.2k	300	11A	350m	4.0	30mØ	15m	125J	1.9 §	780			50 §	100 §	5.0k	4C	BX§	SC56
39#	BTX46-1200R	1.2k	300 Δ	110J	300m	2.5	150m	10mΔ	110J	1.6 §	600	20u☑	250	200u§	20 §	4.0k§	XB§	BX	SC39
40#	TY290SP12K2	1.2k	305	70B	220m	3.5	45m	23m	125J	1.7	1.0k				200 §	5.4k	XC§		
41#	TYA290SP12K2	1.2k	305	70B	220m	3.5	45m	23m	125J	1.6	600				200 §	5.4k	XC§		
42#	T300N1200	1.2k	350	85C	250m	3.0	200m	50m	125J	1.3	500	6.0u☑	200	120u		4.5k	XC§	AF	MU11
43#	T301N1200	1.2k	350	85C	250m	3.0	300m	50m	125J	1.3	500	6.5u☑	100	130u§	50 §	6.0k§	XC§	BX	M330d%
44	223ZD	1.2k	370	25B	300m	4.0	25m§Ø	15m	125J	1.2 §	100			50u	50	5.0k*	XC§	BX	SC1
45	251RM120	1.2k☑	400	60C	150m	2.5	500m	17m	125J	1.7 †	785		500	40u§	200 §	5.5kΔ	XC§	BX	TO108
46	250RA120	1.2k☑	400 Δ	75C	150m	3.0	500m	25m	125J	1.7	785 †	50 ♦	250	60u§	100 §	6.5kΔ	4C§	BX	TO118
47#	FT500AW24	1.2k	400	75C	350m	4.0		30m	125J	2.2	1.2k§		400	50u☑	200 Δ	7.0kΔ	4C§	BC	MU14
48#	CR7K1303A5	1.2k	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
49#	CR7K1303A45	1.2k	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
50#	TY490SP12K2	1.2k	450	70B	220m	3.5	31m	23m	125J	1.6	1.0k				200 §	7.5k	XC§		
51#	TYA490SP12K2	1.2k	450	70B	220m	3.5	31m	23m	125J	1.6	1.0k				200 §	7.5k	XC§	BX	RD55
52#	CR7K1303A4	1.2k	460	65C	150m	3.5	55mØ	50m	125J	1.7	100	3.5u	600	180u	100	6.4k	XC§	BX	M308b
53	C29120PBΔ	1.2k	470	65C	150m	3.5	100m			1.2	500	5.0u	5.0		100 §	5.5k	XC§		S248
54	NLF291PB	1.2k	470	66C	150m	2.5	100m	15m	125J	1.2 †	500	5.0u	5.0	100u§	100	5.5k	XC§		
55	NLF290PB	1.2k	470 Δ	67C	150m	3.0	100m	15m	125J	1.2 †	500	5.0u	100	150u☑	100 §	5.5kΔ	XC§	BX	TO118
56	C29120PB☑	1.2k	470	125J	150m	3.0	100m	15m	125J	1.2 †	500	5.0u	5.0	100u§	100 §	5.5k	XC§	BX	SC2
57#	CR7K1303A35	1.2k	480	65C	150m	3.5	78mØ	50m	125C	1.6	1.0k			180u		6.9k	XC%	BX	M308b
58#	CR7K1303A3	1.2k	500	65C	150m	3.5	78mØ	50m	125C	1.5	1.0k			120u		7.5k	XC%	BX	M308b
59#	CR807SB1313	1.2k	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
60#	BStN1580	1.2k	550	59C	300m	2.0	150m	15m	125J	1.5	550			250u§	200	5.1k	XC		M661
61	350RB120	1.2k	550 Δ	75C	150m	3.0	100m	25m	125J	1.4 †	1.1	5.0u	250	50u§	100 ΔØ	5.5k*	XC§	BX	TO118
62#	TY500SP12K2	1.2k	590	70C	220m	3.5	31m	23m	125J	1.6	1.0k				200 §	8.4k	XC§		MU67
63#	CR9K1303A25	1.2k	600	65C	150m	3.5	55mØ	50m	125J	1.3	1.0k	3.5u	600	180u	100	900	XC§	BX	M308b
64#	CR702SC1313	1.2k	600	65C	150m	3.5	55mØ	50m	125C	1.3	1.0k	3.5u	600	180u	100	9.0k§	XC§	BK	RD48
65	C507PB	1.2k	625 Δ	125J	150m	4.0	100m	50m	125C	1.4	500	5.0u	25	100u☑	100	6.5k	XC§	BR	MU20
66	C508PB	1.2k	625 Δ	125J	150m	4.0	100m	50m	125C	1.3	500	5.0u	25	60u☑	100	9.0k	XC§	BR	MU20
67#	2WDCR152-1203B	1.2k	700 Δ	40B	150m	3.5	60mØ	30m	125J	2.1	775				100	3.1k	XC§		
68#	3553	1.2k	1.0kΔ	40B	150m	3.5	80mØ	50m	125J	2.3	1.4k	6.5u	600	100u	100	5.6k§	XC§		
69#	YST801SP12K2	1.2k	1.0k	70C	220m	3.5	100m	23m	125J	1.6	1.8k				200 §	16k	XC§	BC	MU66
70#	2WDCR7K1203B35	1.2k	1.2kΔ	40B	150m	3.5	80mØ	50m	125J	2.0	1.3k				100	7.5k	XC§		
71#	3523	1.2k	1.2kΔ	40B	150m	3.5	80mØ	50m	125J	2.0	1.7k	6.5u	600	100u	100	6.9k	XC§		
72#	4023	1.2k	1.7kΔ	40B	150m	3.5	70mØ	50m	125J	1.9	2.4k				100	11k	XC§		
73#	2WDCR7K1403B4	1.3k	1.2 Δ	40B	150	3.5	80mØ	50m†	125J	2.0	1.7k				100	7.5k	XC		
74	202ZF	1.3k	16	58C	80m	3.5		4.0m	100J	1.6	10					125	XA§	AF	TO48
75	203ZF	1.3k	16	92C	80m	3.7		4.0m	125J	1.6	10					125	XC§	AF	TO48
76#	T15N1300C	1.3k	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		SC7b
77#	T15N1300E	1.3k	19	85C	100m	3.0	200m	10m	125J	2.5	50	2.5u☑	10	80u§	20 §	300 §	XC§		MU8
78#	CS22-1300	1.3k	22	85C	100m	3.0	80mØ			2.1	70		.20	65u§	50	400 §	XC§		
79#	CR181403RB	1.3k	23	75C	40m	3.0	78m	5.0m	125C	2.1	57				20 Ø§	180 *§	XC§	AF	SC90a
80	201ZF	1.3k	25	75C	40m	3.0		4.0m	125J	2.3	50					250	XC§	AF	TO48
81#	T22N1300	1.3k	28	85C	100m	3.0	80m	10m	125J	1.9	60	2.5u☑	20	80u		400	XC§		M353
82#	T22N1300C	1.3k	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		SC7b
83#	T22N1300E	1.3k	28	85C	100m	3.0	200m	10m	125J	1.9	60	2.5u☑	20	80u§	20 §	400 §	XC§		MU9
84#	BStF0590	1.3k	40	78C	100m	2.0		5.0m	120J					150u§	50 §	320	XC§	AD	SC4c
85#	CS40-1300	1.3k	40	85C	80m	3.0	50mØ			1.7	120		2.0	50u§	500	800 §	XC§		
86	36RE130M	1.3k	55	85B	70m	2.5		2.5m	125J	2.6	220				200	700 §	XC§	AF	TO83
87	37RE130M	1.3k	55	85B	70m	2.5		2.5m	125J	2.6	220				200	700 §	XC§	AF	TO83
88	35RE130	1.3k	55	85C	110m	2.5	500m	5.0m	125J	2.2	110				10 §	700 Δ	XC§		TO49
89	TS555PA	1.3k	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u	100	100u	200	1.0k	XC§	AF	TO49
90	TS556PA	1.3k	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	SC8
91	NL555PA	1.3k	55	89C	150m	2.5	300m	6.0m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO49
92	NL556PA	1.3k	55	89C	150m	2.5	300m	6.0m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO83
93#	BTX49-1400R	1.3k	60	85B	80m	3.0	10mØ	10m	125	3.5	50	5.0u	50	50u		1.0k*	XC§	BX	TO94
94#	T50N1300	1.3k	62.5	85C	100m	3.0	300m	20m	125J	2.2	160	2.5u☑	25	80u§	20 §	800 §	XC§	BX	M330b%
95#	CS65-1300	1.3k	65	85C	80m	3.0	50mØ			1.3	200		2.0	50u§	500	1.2k	XC§		
96#	BTX50-1400R	1.3k	70	85B	80m	3.0	10m	10m	125J	2.5	500 †	5.0u	50	50u		1.0k*	XC	BX	S237b
97#	T70F1300EFB	1.3k	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	25u☑	50	2.4k§	XC§		MU6
98#	T70F1300EFC	1.3k	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	25u☑	400	2.4k§	XC§		MU6
99#	T70F1300EGB	1.3k	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	30u☑	50	2.4k§	XC§		MU6
100#	T70F1300EGC	1.3k	83	85C	150m	1.4	250m	30m	125J	2.6	400	4.5u	100	30u☑	400	2.4k§	XC§		MU6
101	NL-C151PA	1.3k	110	58C	150m	3.0	500m	20m	125J	3.5	500	8.0u	50	50u	200	1.0k	XC§	AF	TO49
102	NL-C153PA	1.3k	110	58C	150m	3.0		20m	125J	3.5	500	8.0u	50	50u	200	1.0k	XC§	AF	TO83
103	70RE130A	1.3k§#	110	60C	70m	2.0	15mØ	2.5mØ	125J	1.8	220					1.0kΔ	XC§	AF	TO49
104	TSC150PA	1.3k	110	60	200m	3.0	500m	5.0m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	TO49
105	TSC152PA	1.3k	110	60	200m	3.0	500m	5.0m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	SC8
106	70REB130	1.3k§	110	64C	70m	2.0	200m	5.0m	125J	2.5	220					1.0kΔ	XC§	AF	TO49
107#	T100F1300EFB	1.3k	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	50	3.2k§	XC§		MU6

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	@IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CURRENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	T100F1300EFC	1.3k	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	25u☑	400	3.2k§	XC§		MU6
2#	T100F1300EGB	1.3k	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	50	3.2k§	XC§		MU6
3#	T100F1300EGC	1.3k	115	85C	150m	1.4	250m	35m	125J	2.7	600	4.5u	100	30u☑	400	3.2k§	XC§		MU6
4#	CS130-1300	1.3k	130	85C	150m	3.0	100mØ			1.5	400		.70	60u§	500	3.5k	XC§		
5#	T125N1300	1.3k	140	85C	250m	3.0	300m	50m	125J	1.8	500	3.0u☑	100	100u§	20 §	3.0k§	XC§	BX	M330c%
6	101RE130M	1.3k	160	80B	100m	2.0		4.0mØ	125	2.4 △	471				200	2.0k§	XC	BX	S91a
7	228ZF	1.3k	175	125J	300m	3.0		15m	125J	1.4	100	5.0u	100	40u	100	3.3k*	XC§	BC	MU15
8#	T160N1300	1.3k	185	85C	250m	3.0	300m	50m	125J	1.8	500	6.0u☑	100	100u§	50 §	4.0k§	XC§	BX	M330d%
9#	56TB13	1.3k	190		.30			40m		2.0	370					1.2k	XC	BK	MU16
10#	CS195-1300	1.3k	195	85C	150m	3.0	100mØ			1.6	600		.70	60u§	500	5.0k§	XC§		
11	218ZF	1.3k	200	80C	300m	4.0		15m	125J	1.3	100			40u	100	3.3k*	XC§	BX	TO93
12#	57TB13	1.3k	210		.30			40m		2.0	420					1.3k	XC	BK	MU16
13#	T170N1300	1.3k	210	85C	250m	3.0	200m	50m	125J	1.6	500	3.0u☑	100	100u		4.0k	XC§		M352a
14#	BStL0590	1.3k	235	40C	300m	2.0	200m	10m	120J					250u§	50 §	2.3	XC§		S251
15	150RE130	1.3k☑	235	55B	100m	2.5	50mØ	5.0mØ	125J	1.7 △	471					3.0k§	XC§		S86
16	C181PA	1.3k	235	65C	300m	2.5	500m	12m	125J	3.5 †	1.5k	8.0u	100	125u§	200 §	2.5k	XC§	BX	TO93
17#	CR150-1301A3	1.3k	235	75C	150m	3.5	35mØ	15m	25C	1.4	235	6.5u	400	100u	50 §	3.3k	XC☑		M201
18	NLF180PC	1.3k	235	80C	150m	2.5	500m	12m	125J	2.9 †	1.5k	8.0u	100	125u§	200	3.5k	XC§	BX	TO93
19	NL-C180PA	1.3k	235	80C	150m	3.0	500m	4.0mØ	125J	2.9 †	1.5k	8.0	100		200 §	3.5k	XC§		TO93
20	229ZF	1.3k	250	125J	300m	3.0		15m	125J	1.3	100	5.0u	100	40u	100	5.0k*	XC§	BC	MU15
21#	T220N1300	1.3k	260	85C	250m	3.0	300m	50m	125J	1.5	500	5.0u☑	100	120u§	50 §	5.0k§	XC§	BX	M330d%
22#	BStN1590	1.3k	350	64C	300m	2.0	150m	15m	125J	1.9	1.0k				200 §	5.1k	XC		
23#	T300N1300	1.3k	350	85C	250m	3.0	200m	50m	125J	1.3	500	6.0u☑	200	120u		4.5k	XC§	AF	MU11
24#	T301N1300	1.3k	350	85C	250m	3.0	300m	50m	125J	1.3	500	6.5u☑	100	130u§	50 §	6.0k§	XC§	BX	M330d%
25#	BStN0590	1.3k	400	28C	300m	2.0	180m	10m	120J					250u§	50 §	5.1	XC§		S251a
26	250RM130	1.3k☑	400 △	75C	150m	3.0	500m	16m	75C	1.7 †	785	5.0	50		100 §	5.5k△	X7☑	BX	TO118
27	251RM130	1.3k☑	400 △	75C	150m	3.0	500m	16m	75C	1.7 †	785	5.0	50		100 §	5.5k△	X7☑	BX	TO118
28#	FT500AW26	1.3k	400	75C	350m	4.0		30m	125J	2.2	1.2k§		400	50u☑	200 △	7.0k△	4C§	BC	MU14
29#	CR7K1403A5	1.3k	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
30#	CR7K1403A45	1.3k	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
31#	BStN2590	1.3k	440	41C	300m	2.0	180m	10m	120J					250u§	50 §	5.1k	XC§	BX	SC57
32#	CR7K1403A4	1.3k	460	65C	150m	3.5	55mØ	50m	125J	1.7	100	3.5u	600	180u	100	6.4k	XC§	BX	M308b
33#	CR7K1403A35	1.3k	480	65C	150m	3.5	78mØ	50m	125C	1.6	1.0k			180u		6.9k	XC%	BX	M308b
34#	CR7K1403A3	1.3k	500	65C	150m	3.5	78mØ	50m	125C	1.5	1.0k			120u		7.5k	XC%	BX	M308b
35#	CR807SB1414	1.3k	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
36#	CR9K1403A25	1.3k	600	65C	150m	3.5	55mØ	50m	125J	1.3	1.0k	3.5u	600	180u	100	900	XC§	BX	M308b
37#	CR702SC1414	1.3k	600	65C	150m	3.5	55mØ	50m	125C	1.3	1.0k	3.5u	600	180u	100	9.0k§	XC§	BK	RD48
38	C507PC	1.3k	625 △	125J	150m	4.0	100m	50m	125C	1.4	500	5.0u	25	100u☑	100	6.5k	XC§	BR	MU20
39#	SH400R21	1.3k	630	115J	260m	3.5		35m	125J	1.9	1.2k	6.0u	400	50u	50	7.2k	4B§		MU17
40	420PM130	1.3k☑	660 △	68C	150m	3.0	500m	16m	125J	2.0 †	1.3k	5.0u	50		100 §	5.5k△	XC§	BC	TO200AC
41#	2WDCR152-1303B	1.3k	700 △	40B	150m	3.5	60mØ	30m	125J	2.1	775				100	3.1k	XC§		
42#	SF800R21	1.3k	800	125J	320m	4.0		35	125J	2.1	2.5k					13k	4C§		MU17
43#	BStP0590	1.3k	1.0k	39C	300m	2.0	300m	20m	115J					250u§	50 §	10k	XB§		MU25
44#	3554	1.3k	1.0k△	40B	150m	3.5	80mØ	50m	125J	2.3	1.4k	6.5u	600	100u	100	5.6k§	XC§		
45#	2WDCR7K1303B35	1.3k	1.2k△	40B	150m	3.5	80mØ	50m	125J	2.0	1.3k				100	7.5k	XC§		
46#	4024	1.3k	1.7k△	40B	150m	3.5	70mØ	50m	125J	1.9	2.4k				100	11k	XC§		
47#	2WDCR7K1503B4	1.4k	1.2 △	40B	150	3.5	80mØ	50m†	125J	2.0	1.7k				100	7.5k	XC		
48	202ZH	1.4k	16	58C	80m	3.5		4.0m	100J	1.6	10					125	XA§	AF	TO48
49	203ZH	1.4k	16	92C	80m	3.7		4.0m	125J	1.6	10					125	XC§	AF	TO48
50#	BTW92-1400	1.4k	20	85B$			200m	13m	125J	2.3	50	2.0u	150	100u	300	320 *	XC§	AF	TO48
51#	BTW92-1400R	1.4k	20	85B	150m	3.5	200m	7.0m	125J	2.3	50	2.0u	10	100u☑	300	320	5C§	AF	SC22e
52#	BTX92-1400R	1.4k	20	85B	150m	3.5	200m	7.0m	125J	2.3	50	2.0u	10	100u☑	300	320	XC§	AF	TO48
53	201ZH	1.4k	25	75C	40m	3.0		4.0m	125J	2.3	50					250	XC§	AF	TO48
54#	BTW24-1400	1.4k	30	85B$			200m	18m	125J	2.1	100 †	2.0u	100	100u	200	600 *	XC§		
55#	CS40-1400	1.4k	40	85C	80m	3.0	50mØ			1.7	120		2.0	50u§	500	800 §	XC§		
56#	SKT45/14	1.4k	45	85	.10	3.0	.13			1.6	135	10u	135	50u	50	700	X8		
57#	BTW24-1400R	1.4k	50	75B	150m	2.5	200m	10m	125J	2.1	100	2.0u	100	100u	200	600	5C§	AF	SC93
58	TS555PB	1.4k	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	TO49
59	TS556PB	1.4k	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	SC8
60	NL555PB	1.4k	55	89C	150m	2.5	300m	6.0m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO49
61	NL556PB	1.4k	55	89C	150m	2.5	300m	6.0m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO83
62#	CS65-1400	1.4k	65	85C	80m	3.0	50mØ			1.3	200		2.0	50u§	500	1.2k	XC§		
63#	BTW23-1400R	1.4k	70		200m	3.5									100	1.5k	XC§	AF	TO49
64#	BTW23-1400	1.4k	70	85B$			200m	13m	125J	2.5	500 †	2.5u	100	200u	200	1.5k*	XC§		
65#	SKT70/14	1.4k	70	85	.15	3.0	.15			1.6	210	10u	210	70u	50	1.5k	X8		
66#	BTX29-1400R	1.4k	78 △	110J	100m	3.0	100m§	10	110J	1.7 §	150	5.0u§	50	100u	100 Ø§	1.1k*	XB§	AF	S189a
67#	CS42-1400	1.4k	82	40	110m	2.0	200m	15m	115	1.9	180				200	900	XB§		
68#	SKT90/14	1.4k	90	85	150m	3.0	150m			1.4	270	10u	270	70u	50	2.0k	X8		
69	NL-C151PB	1.4k	110	58C	150m	3.0	500m	20m	125J	3.5	500	8.0u	50	50u	200	1.0k	XC§	AF	TO49
70	NL-C153PB	1.4k	110	58C	150m	3.0		20m	125J	3.5	500	8.0u	50	50u	200	1.0k	XC§	AF	TO83
71	TSC150PB	1.4k	110	60	200m	3.0	500m	5.0m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	TO49
72	TSC152PB	1.4k	110	60	200m	3.0	500m	5.0m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	SC8
73#	SKT110/14	1.4k	110	85	.20	3.0	.20			1.4	330	10u	330	80u	50	2.5k	X8		
74#	BTX45-1400R	1.4k	110 △	110J	100m	3.0	100m§	10m	110J	1.7 §	220	6.0u§	70	100u	100 Ø§	1.2k*	XB§	AF	S189a
75#	CS130-1400	1.4k	130	85C	150m	3.0	100mØ			1.5	400		.70	60u§	500	3.5k	XC§		
76#	SKT140/14	1.4k	140	85C	200m	3.0	200m			1.5	250			80u	50	3.5k	XF*	BK	S260b
77#	SKT170/14	1.4k	170	85	.25	3.0	.20			1.2	510	10u	510	100u	50	6.0k	X8		
78	228ZH	1.4k	175	125J	300m	3.0		15m	125J	1.4	100	5.0u	100	40u	100	3.3k*	XC§	BC	MU15
79#	T160N1400	1.4k	185	85C	250m	3.0	300m	50m	125J	1.8	500	6.0u☑	100	100u§	50 §	4.0k§	XC§	BX	M330d%
80#	56TB14	1.4k	190		.30			40m		2.0	370					1.2k	XC	BK	MU16
81#	TY120SP14K2	1.4k	190	70B	220m	3.5	40m	21m	125J	1.7	300				200 §	2.4k	XC§		
82#	CS195-1400	1.4k	195	85C	150m	3.0	100mØ			1.6	600		.70	60u§	500	5.0k§	XC§		
83	218ZH	1.4k	200	80C	300m	4.0		15m	125J	1.3	100			40u	100	3.3k*	XC§	BX	TO93
84#	57TB14	1.4k	210		.30			40m		2.0	420					1.3k	XC	BK	MU16
85#	SKT220/14	1.4k	220	85	.25	3.0	.20			1.0	660	10u	660	100u	50	7.0k	X8		
86	C181PB	1.4k	235	65C	300m	2.5	500m	12m	125J	3.5 †	1.5k	8.0u	100	125u§	200 §	2.5k	XC§	BX	TO93
87	NL-C180PB	1.4k	235	80C	150m	3.0	500m	4.0mØ	125J	2.9 †	1.5k	8.0u	100		200 §	3.5k	XC§		TO93
88	229ZH	1.4k	250	125J	300m	3.0		15m	125J	1.3	100	5.0u	100	40u	100	5.0k*	XC§	BC	MU15
89#	T220N1400	1.4k	260	85C	250m	3.0	300m	50m	125J	1.5	500	5.0u☑	100	120u§	50 §	5.0k§	XC§	BX	M330d%
90#	CR300A28	1.4k	300	10A	350m	4.0		15mØ	125J	1.8 †	780 §				100 △	5.0k△	XC§	BX	M247a
91#	BTX46-1400R	1.4k	300 △	110J	300m	2.5	150m	10m△	110J	1.6 §	600	20u☑	250	200u§	20 §	4.0k§	XB§	BX	SC39
92#	TY290SP14K2	1.4k	305	70B	220m	3.5	45m	21m	125J	1.7	1.0k				200 §	5.4k	XC§		
93#	TYA290SP14K2	1.4k	305	70B	220m	3.5	45m	21m	125J	1.6	600				200 §	5.4k	XC§		
94#	T301N1400	1.4k	350	85C	250m	3.0	300m	50m	125J	1.3	500	6.5u☑	100	130u§	50 §	6.0k§	XC§	BX	M330d%
95	250RM140	1.4k☑	400 △	75C	150m	3.0	500m	15m	75C	1.7 †	785	5.0	50		100 §	5.5k△	X7☑	BX	TO118
96	251RM140	1.4k☑	400 △	75C	150m	3.0	500m	15m	75C	1.7 †	785	5.0	50		100 §	5.5k△	X7☑	BX	TO118
97#	CR7K1503A5	1.4k	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
98#	CR7K1503A45	1.4k	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
99#	TY490SP14K2	1.4k	450	70B	220m	3.5	31m	21m	125J	1.6	1.0k				200 §	7.5k	XC§		
100#	TYA490SP14K2	1.4k	450	70B	220m	3.5	31m	21m	125J	1.6	1.0k				200 §	7.5k	XC§	BX	RD55
101#	CR7K1503A4	1.4k	460	65C	150m	3.5	55mØ	50m	125J	1.7	100	3.5u	600	180u	100	6.4k	XC§	BX	M308b
102#	CR7K1503A35	1.4k	480	65C	150m	3.5	78mØ	50m	125C	1.6	1.0k			180u		6.9k	XC%	BX	M308b
103#	CR7K1503A3	1.4k	500	65C	150m	3.5	78mØ	50m	125C	1.5	1.0k			120u		7.5k	XC%	BX	M308b
104#	CR807SB1515	1.4k	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
105#	TY500SP14K2	1.4k	590	70C	220m	3.5	31m	21m	125J	1.6	1.0k				200 §	8.4k	XC§		MU67
106#	CR9K1503A25	1.4k	600	65C	150m	3.5	55mØ	50m	125J	1.3	1.0k	3.5u	600	180u	100	900	XC§	BX	M308b
107#	CR702SC1515	1.4k	600	65C	150m	3.5	55mØ	50m	125C	1.3	1.0k	3.5u	600	180u	100	9.0k§	XC§	BK	RD48

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1	C507PD	1.4k	625 △	125J	150m	4.0	100m	50m	125C	1.4	500	5.0u	25	100u☑	100	6.5k	XC§	BR	MU20
2	420PM140	1.4k☑	660 △	68C	150m	3.0	500m	15m	125J	2.0 †	1.3k	5.0u	50		100 §	5.5k△	XC§	BC	TO200AC
3#	3555	1.4k	1.0k△	40B	150m	3.5	80mØ	50m	125J	2.3	1.4k	6.5u	600	100u	100	5.6k§	XC§		
4#	YST801SP14K2	1.4k	1.0k	70C	220m	3.5	100m	21m	125J	1.6	1.8k				200 §	16k	XC§	BC	MU66
5#	4025	1.4k	1.7k△	40B	150m	3.5	70mØ	50m	125J	1.9	2.4k				100	11k	XC§		
6	202ZK	1.5k	16	58C	80m	3.5		4.0m	100J	1.6	10					125	XA§	AF	TO48
7	203ZK	1.5k	16	92C	80m	3.7		4.0m	125J	1.6	10					125	XC§	AF	TO48
8	201ZK	1.5k	25	75C	40m	3.0		4.0m	125J	2.3	50					250	XC§	AF	TO48
9#	CS40-1500	1.5k	40	85C	80m	3.0	50mØ			1.7	120		2.0	50u§	500	800 §	XC§		
10	TS555PC	1.5k	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	TO49
11	TS556PC	1.5k	55	88	200m	3.0	500m	10m	125	3.5	500	8.0u		100u	200	1.0k	XC§	AF	SC8
12	NL555PC	1.5k	55	89C	150m	2.5	300m	6.0m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO49
13	NL556PC	1.5k	55	89C	150m	2.5	300m	6.0m	125J	3.5 †	500	8.0u	50	100u§	200 §	1.2k	XC§	AF	TO83
14#	CS65-1500	1.5k	65	85C	80m	3.0	50mØ			1.3	200		2.0	50u§	500	1.2k	XC§		
15	NL-C151PC	1.5k	110	58C	150m	3.0	500m	20m	125J	3.5	500	8.0u	50	50u	200	1.0k	XC§	AF	TO49
16	NL-C153PC	1.5k	110	58C	150m	3.0		20m	125J	3.5	500	8.0u	50	50u	200	1.0k	XC§	AF	TO83
17	TSC150PC	1.5k	110	60	200m	3.0	500m	5.0m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	TO49
18	TSC152PC	1.5k	110	60	200m	3.0	500m	5.0m	125	2.0	100	8.0u		100u	200	1.5k	XC§	AF	SC8
19	228ZK	1.5k	175	125J	300m	3.0		15m	125J	1.4	100	5.0u	100	40u	100	3.3k*	XC§	BC	MU15
20#	T160N1500	1.5k	185	85C	250m	3.0	300m	50m	125J	1.8	500	6.0u☑	100	100u§	50 §	4.0k§	XC§	BX	M330d%
21#	56TB15	1.5k	190		30			40m		2.0	370					1.2k	XC	BK	MU16
22#	CS195-1500	1.5k	195	85C	150m	3.0	100mØ			1.6	600		.70	60u§	500	5.0k§	XC§		
23#	57TB15	1.5k	210		.30			40m		2.0	420					1.3k	XC	BK	MU16
24	NL-C180PC	1.5k	235	80C	150m	3.0	500m	4.0mØ	125J	2.9 †	1.5k	8.0u	100		200 §	3.5k	XC§		TO93
25	229ZK	1.5k	250	125J	300m	3.0		15m	125J	1.3	100	5.0u	100	40u	100	5.0k*	XC§	BC	MU15
26#	T220N1500	1.5k	260	85C	250m	3.0	300m	50m	125J	1.5	400	5.0u☑	100	120u§	50 §	5.0k§	XC§	BX	M330d%
27#	BStN05100	1.5k	400	28C	300m	2.0	180m	10m	120J					250u§	50 §	5.1k	XC§		
28	250RM150	1.5k☑	400 △	75C	150m	3.0	500m	14m	75C	1.7 †	785	5.0	50		100 §	5.5k△	X7☑	BX	TO118
29	251RM150	1.5k☑	400 △	75C	150m	3.0	500m	14m	75C	1.7 †	785	5.0	50		100 §	5.5k△	X7☑	BX	TO118
30#	CR7K1603A5	1.5k	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
31#	CR7K1603A45	1.5k	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
32#	BStN25100	1.5k	440	41C	300m	2.0	180m	10m	120J					250u§	50 §	5.1k	XC§		
33#	CR7K1603A4	1.5k	460	65C	150m	3.5	55mØ	50m	125J	1.7	100	3.5u	600	180u	100	6.4k	XC§	BX	M308b
34#	CR7K1603A35	1.5k	480	65C	150m	3.5	78mØ	50m	125C	1.6	1.0k			180u		6.9k	XC%	BX	M308b
35#	CR807SB1616	1.5k	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
36	420PM150	1.5k☑	660 △	68C	150m	3.0	500m	14m	125J	2.0 †	1.3k	5.0u	50		100 §	5.5k△	XC§	BC	TO200AC
37#	BStP05100	1.5k	1.0k	39C	300m	2.0	300m	20m	115J					250u§	50 §	10k	XB§		
38#	3556	1.5k	1.0k△	40B	150m	3.5	80mØ	50m	125J	2.3	1.4k	6.5u	600	100u	100	5.6k§	XC§		
39#	BTW92-1600	1.6k	20	85B§			200m	13m	125J	2.3	50	20u	150	100u	300	320 *	XC§	AF	TO48
40#	BTW92-1600R	1.6k	20	85B	150m	3.5	200m	7.0m	125J	2.3	50	2.0u	10	100u☑	300	320	5C§	AF	SC22e
41#	BTX92-1600R	1.6k	20	85B	150m	3.5	200m	7.0m	125J	2.3	50	2.0u	10	100u☑	300	320	XC§	AF	TO48
42#	BTW24-1600	1.6k	30	85B§			200m	18m	125J	2.1	100 †	2.0u	100	100u	200	600 *	XC§		
43#	BStF05110	1.6k	40	78C	100m	2.0		5.0m	120J					150u§	50 §	320	XC§	AD	SC4c
44#	SKT45/16	1.6k	45	85	.10	3.0	.13			1.6	135	10u	135	50u	50	700	X8		
45#	BTW24-1600R	1.6k	50	75B	150m	2.5	200m	10m	125J	2.1	100	2.0u	100	100u	200	600	5C§	AF	SC93
46#	BTX44-1600R	1.6k	55 △	110J	100m	3.0	100m§	10m	110J	1.8 §	110	4.0u§	35	100u	100 Ø§	900 *	XB§	AF	S189a
47#	BTW23-1600R	1.6k	70		200m	3.5									100	1.5k	XC§	AF	TO49
48#	BTW23-1600	1.6k	70	85B§			200m	13m	125J	2.5	500 †	2.5u	100	200u	200	1.5k*	XC§		
49#	SKT70/16	1.6k	70	85	.15	3.0	.15			1.6	210	10u	210	70u	50	1.5k	X8		
50#	BTX29-1600R	1.6k	78 △	110J	100m	3.0	100m§	10m	110J	1.7 §	150	5.0u§	50	100u	100 Ø§	1.1k*	XB§	AF	S189a
51#	CS42-1600	1.6k	82	40	110m	2.0	200m	15m	115	1.9	180				200	900	XB§		
52#	SKT90/16	1.6k	90	85	150m	3.0	150m			1.4	270	10u	270	70u	50	2.0k	X8		
53#	SKT110/16	1.6k	110	85	.20	3.0	.20			1.4	330	10u	330	80u	50	2.5k	X8		
54#	BTX45-1600R	1.6k	110 △	110J	100m	3.0	100m§	10m	110J	1.7 §	220	6.0u§	70	100u	100 Ø§	1.2k*	XB§	AF	S189a
55#	CS130-1600	1.6k	130	85C	150m	3.0	100mØ			1.5	400		700m	60u§	500	3.5k	XC§		
56#	SKT140/16	1.6k	140	85C	200m	3.0	200m			1.5	250			80u	50	3.5k	XF*	BK	S260b
57#	T155N1600	1.6k	155	85C	250m	3.0	300m	50m	115J	2.1	500	10u	100	150u§	400 §	4.5k§	XB§	AF	MU11
58#	SKT170/16	1.6k	170	85	.25	3.0	.20			1.2	510	10u	510	100u	50	6.0k	X8		
59#	TY120SP16K2	1.6k	190	70B	220m	3.5	40m	20m	125J	1.7	300				200 §	2.4k	XC§		
60#	CS195-1600	1.6k	195	85C	150m	3.0	100mØ			1.6	600		700m	60u§	500	5.0k§	XC§		
61#	SKT220/16	1.6k	220	85	.25	3.0	.20			1.0	660	10u	660	100u	50	7.0k	X8		
62#	BStL05110	1.6k	235	40C	300m	2.0	200m	10m	120J					250u§	50 §	2.3k	XC§		S251
63#	T235N1600	1.6k	280	85C	200m	2.0	300m	50m	125J	1.8	500	4.0u	100	60u	50	5.5k§	XC§		MU6a
64#	CR300A32	1.6k	300	10A	350m	4.0		15mØ	125J	1.8 †	780 §				100 △	5.0k△	XC§	BX	M247a
65#	BTX46-1600R	1.6k	300 △	110J	300m	2.5	150m	10m△	110J	1.6 §	600	20u☑	250	200u§	20 §	4.0k§	XB§	BX	SC39
66#	TY290SP16K2	1.6k	305	70B	220m	3.5	45m	20m	125J	1.7	1.0k				200 §	5.4k	XC§		
67#	TYA290SP16K2	1.6k	305	70B	220m	3.5	45m	20m	125J	1.6	600				200 §	5.4k	XC§		
68#	BStN15110	1.6k	350	64C	300m	2.0	150m	15m	125J	1.9	1.0k				200 §	5.1k	XC		
69#	BStN05110	1.6k	400	28C	300m	2.0	180m	10m	120J					250u§	50 §	5.1k	XC§		S251a
70	250RM160	1.6k☑	400 △	75C	150m	3.0	500m	13m	75C	1.7 †	785	5.0	50		100 §	5.5k△	X7☑	BX	TO118
71	251RM160	1.6k☑	400 △	75C	150m	3.0	500m	13m	75C	1.7 †	785	5.0	50		100 §	5.5k△	XC§	BX	TO118
72#	FT500-32	1.6k	400	76C	350m	4.0		30mØ	125J	2.2 †	1.2k§				200 △	7.0k△	XC§	BC	MU14
73#	CR7K1703A5	1.6k	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
74#	CR7K1703A45	1.6k	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
75#	BStN25110	1.6k	440	41C	300m	2.0	180m	10m	120J					250u§	50 §	5.1k	XC§	BX	SC57
76#	TY490SP16K2	1.6k	450	70B	220m	3.5	31m	20m	125J	1.6	1.0k				200 §	7.5k	XC§		
77#	TYA490SP16K2	1.6k	450	70B	220m	3.5	31m	20m	125J	1.6	1.0k				200 §	7.5k	XC§	BX	RD55
78#	CR7K1703A4	1.6k	460	65C	150m	3.5	55mØ	50m	125J	1.7	100	3.5u	600	180u	100	6.4k	XC§	BX	M308b
79#	CR807SB1717	1.6k	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
80#	TY500SP16K2	1.6k	590	70C	220m	3.5	31m	20m	125J	1.6	1.0k				200 §	8.4k	XC§		MU67
81#	2SF861	1.6k	630 △	55C	260m	3.5	300m	50m	125	2.0 §	1.2k	10u	400		25	7.0k	XC§	BX	SC49a
82#	SH400U23	1.6k	630	65C	260m	3.5	300m	35m	115J	1.9	1.2k	6.0u	800	50u	50 △	7.2k	4B§	BC	MU36
83	420PM160	1.6k☑	660 △	68C	150m	3.0	500m	13m	125J	2.0 †	1.3k	5.0u	50		100 §	5.5k△	XC§	BC	TO200AC
84#	SF500U22	1.6k	785	125J	260m	3.5	300m	50m	125J	2.1	1.5k	10u	500	400u§	200 △	8.0k	4C§	AB	MU18
85#	BStP05110	1.6k	1.0k	39C	300m	2.0	300m	20m	115J					250u§	50 §	10k	XB§		MU25
86#	3557	1.6k	1.0k△	40B	150m	3.5	80mØ	50m	125J	2.3	1.4k	6.5u	600	100u	100	5.6k§	XC§		
87#	YST801SP16K2	1.6k	1.0k	70C	220m	3.5	100m	20m	125J	1.6	1.8k				200 §	16k	XC§	BC	MU66
88	250RM170	1.7k☑	400 △	75C	150m	3.0	500m	13m	75C	1.7 †	785	5.0	50		100 §	5.5k△	X7☑	BX	TO118
89	251RM170	1.7k☑	400 △	75C	150m	3.0	500m	13m	75C	1.7 †	785	5.0	50		100 §	5.5k△	XC§	BX	TO118
90#	CR7K1803A5	1.7k	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
91#	CR7K1803A45	1.7k	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§		M308b
92#	CR7K1803A4	1.7k	460	65C	150m	3.5	55mØ	50m	125J	1.7	100	3.5u	600	180u	100	6.4k	XC§	BX	M308b
93#	CR807SB1818	1.7k	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
94	420PM170	1.7k☑	660 △	68C	150m	3.0	500m	13m	125J	2.0 †	1.3k	5.0u	50		100 §	5.5k△	XC§	BC	TO200AC
95#	3558	1.7k	1.0k△	40B	150m	3.5	80mØ	50m	125J	2.3	1.4k	6.5u	600	100u	100	5.6k§	XC§		
96#	BTX44-1800R	1.8k	55 △	110J	100m	3.0	100m§	10m	110J	1.8 §	110	4.0u§	35	100u	100 Ø§	900 *	XB§	AF	S189a
97#	BTX29-1800R	1.8k	78 △	110J	100m	3.0	100m§	10m	110J	1.7 §	150	5.0u§	50	100u	100 Ø§	1.1k*	XB§	AF	S189a
98#	BTX45-1800R	1.8k	110 △	110J	100m	3.0	100m§	10m	110J	1.7 §	220	6.0u§	70	100u	100 Ø§	1.2 *	XB§	AF	S189a
99#	CS130-1800	1.8k	130	85C	150m	3.0	100mØ			1.5	400		.70	60u§	500	3.5k	XC§		
100#	T155N1800	1.8k	155	85C	250m	3.0	300m	50m	115J	2.1	500	10u	100	150u§	400 §	4.5k§	XB§	AF	MU11
101#	TY120SP18K2	1.8k	190	70B	220m	3.5	40m	19m	125J	1.7	300				200 §	2.4k	XC§		
102#	MA102J	1.8k	235	85C	300m§	150m	400m§	20m	80	1.5 §	600	4.5u	200	30u	200	3.5 §*	XA☑	BX	SC39
103#	BTX46-1800R	1.8k	235 △	110J	300m	3.0	300m§	10m	110J	1.5 §	500	8.0u§	200	150u	100 Ø§	3.0k*	XB§	BX	SC39
104#	T235N1800	1.8k	280	85C	200m	2.0	300m	50m	125J	1.8	500	4.0u	100	60u	50	5.5k§	XC§		MU6a
105#	TY290SP18K2	1.8k	305	70B	220m	3.5	45m	19m	125J	1.7	1.0k				200 §	5.4k	XC§		
106#	TYA290SP18K2	1.8k	305	70B	220m	3.5	45m	19m	125J	1.6	600				200 §	5.4k	XC§		
107#	BTX41/1800R	1.8k	315	110J	300m	3.0	300m§	10m	110J	1.5 §	600	8.0u§	200	150u	100 Ø§	3.5k*	XB§	BX	SC39
108#	FT500-36	1.8k	400	76C	350m	4.0		30mØ	125J	2.2 †	1.2k§				200 △	7.0k△	XC§	BC	MU14
109#	CR7K1903A5	1.8k	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
110#	CR7K1903A45	1.8k	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

IN ORDER OF(1)MAX.REPETIT.OFF-ST.VOLT(2)MAX. STATIC ON-ST.CUR(3)@T(4)IGT(5)VGT(6)TYPE No.

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAX.STATIC ON-STATE CURRENT IT (A)	3 @T (°C)	MAXIMUM GATE FIRING CHARACTER. 4 IGT (A)	5 VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON Tgt (s)	ON @IT (A)	OFF Tq (s)	WORST-CASE dV/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	TY490SP18K2	1.8k	450	70B	220m	3.5	31m	19m	125J	1.6	1.0k				200 §	7.5k	XC§		
2#	TYA490SP18K2	1.8k	450	70B	220m	3.5	31m	19m	125J	1.6	1.0k				200 §	7.5k	XC§	BX	RD55
3#	CR807SB1919	1.8k	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
4#	TY500SP18K2	1.8k	590	70C	220m	3.5	31m	19m	125J	1.6	1.0k				200 §	8.4k	XC§		MU67
5#	3559	1.8k	1.0kΔ	40B	150m	3.5	80mØ	50m	125J	2.3	1.4k	6.5u	600	100u	100	5.6k§	XC§		
6#	YST801SP18K2	1.8k	1.0k	70C	220m	3.5	100m	19m	125J	1.6	1.8k				200 §	16k	XC§	BC	MU66
7#	CR300A36	1.9k	300	10A	350m	4.0		15mØ	125J	1.8 †	780 §				100 Δ	5.0kΔ	XC§	BX	M247a
8#	CR7K2003A5	1.9k	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
9#	CR7K2003A45	1.9k	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
10#	CR807SB2020	1.9k	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
11#	T155N2000	2.0k	155	85C	250m	3.0	300m	50m	115J	2.1	500	10u	100	150u§	400 §	4.5k§	XB§	AF	MU11
12#	T235N2000	2.0k	280	85C	200m	2.0	300m	50m	125J	1.8	500	4.0u	100	60u	50	5.5k§	XC§	BX	MU6a
13#	FT500-40	2.0k	400	76C	350m	4.0		30mØ	125J	2.2 †	1.2k§				200 Δ	7.0kΔ	XC§	BC	MU14
14#	CR7K2103A5	2.0k	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
15#	CR7K2103A45	2.0k	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
16#	CR807SB2121	2.0k	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
17#	2SF862	2.0k	630 Δ	55C	260m	3.5	300m	50m	125	2.0 §	1.2k	10u	400		25	7.0k	XC§	BX	SC49a
18#	SF500Y22	2.0k	785	125J	260m	3.5	300m	50m	125J	2.1	1.5k	10uØ	500	400u§	200 Δ	8.0k	4C§	AB	MU18
19#	BStL06140	2.1k	120	70C	350m	2.0	180m	20m	115J					250u§	50 §	950	XB§		S251
20#	CR7K2203A5	2.1k	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
21#	CR7K2203A45	2.1k	435	65C	150m	3.5	55mØ	50m	125J	1.8	1.0k	3.5u	600	180u	100	6.0k	XC§	BX	M308b
22#	CR807SB2222	2.1k	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
23#	T155N2200	2.2k	155	85C	250m	3.0	300m	50m	115J	2.1	500	10u	100	150u§	400 §	4.5k§	XB§	AF	MU11
24#	CR7K2303A5	2.2k	410	65C	150m	3.5	78mØ	50m	125C	2.0	1.0k			180u		5.6k	XC%	BX	M308b
25#	CR807SB2323	2.2k	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
26#	CR807SB2424	2.3k	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
27#	BStL06160	2.4k	120	70C	350m	2.0	180m	20m	115J					250u§	50 §	950	XB§		S251
28#	CR807SB2525	2.4k	525	75C	150m	3.5	61mØ	50m	125J	2.0	1.6k				300 §	9.0k§	XC§	BK	RD48b
29#	FT500-50	2.5k	400	76C	350m	4.0		30mØ	125J	2.2 †	1.2k§				200 Δ	7.0kΔ	XC§	BC	MU14
30#	2SF863	2.5k	630 Δ	55C	260m	3.5	300m	50m	125	2.0 §	1.2k	10u	400		25	7.0k	XC§	BX	SC49a
31#	SF500EX22	2.5k	785	125J	260m	3.5	300m	50m	125J	2.1	1.5k	10u	500	400u§	200 Δ	8.0k	4C§	AB	MU18
32#	BStL06180	2.7k	120	70C	350m	2.0	180m	20m	115J					250u§	50 §	950	XB§		S251
33#	FT500-60	3.0k	400	76C	350m	4.0		30mØ	125J	2.2 †	1.2k§				200 Δ	7.0kΔ	XC§	BC	MU14

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

4.TRIODES,POWER,BI-DIRECTIONAL:TRIACS

IN ORDER OF(1)MAX.REPETIT.OFF-STATE VOLTAGE (2)MAX.RMS CUR(3)@TEMP(4)IGT(5)VGT(6)TYPE No

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAXIMUM RMS CURRENT IT(RMS) (A)	3 @T (°C)	MAXIMUM GATE FIRING CHAR:1ST QD 4 IGT (A)	5 VGT (V)	MAX HOLD CUR. IH (A)	MAX.OFF-ST. CURRENT ID@VDRM (A)	@T (°C)	PEAK ON-STATE VOLTAGE VTM (V)	@IT (A)	TYPICAL SWITCHING TIME Tgt (s)	@IT (A)	WORST-CASE dV/dt COMM. V/us	STATIC V/us	SURGE CUR-RENT ITSM (A)	OPER TEMP RNGE CODE - +	LEAD CODE	DRAWING No.
1	MAC21-1	25	25	60	75m	3.0	75m	4.0m	110J	1.5	35 †	1.0u	25	100 §		225 §	4B§	CC	C111
2	BTV0405	50	10	75	100m	3.0	50m	5.0m	100	1.5		200n				100	XA☑	CA	SC53
3#	TRC15-050A	50	15	85C	50m	3.0	11mØ	1.0m	100C	1.6	14 †			15 †	250 †	150 §	4A§	CA	RD17
4#	TRC15-050B	50	15	85C	50m	3.0	11mØ	1.0m	100C	1.6	14 †			15 †	250 †	150 §	4A§	CA	SC18
5	MAC21-2	50	25	60	75m	3.0	75m	4.0m	110J	1.5	35 †	1.0u	25	100 §		225 §	4B§	CC	C111
6#	SM2B41	100	2.0	70C	75m	3.0	50m	1.0m	110J	2.6	6.0 †					12	2B§	CD	MU26
7	TA2892	100	2.5 §	70C	3.0m	2.0	3.5m			2.2						18	XA☑		TO5
8#	2SM11	100	5.0	80C	75m	3.0	40m	3.0m	100J	1.8						45	XA§		RD25
9#	M8394-100	100	5.0 §	80C	75m	3.0	40m	3.0m	100J	1.8						45	XA§		RD25
10#	BCR5A2	100	5.0 §	86C	30m	3.0		3.0m	100J	1.5				6.0		60	XA§		RD20a
11#	BCR5B2	100	5.0 §	86C	30m	3.0		3.0m	100J	1.5				6.0		60	XA§	CA	RD33
12#	BCR5C2	100	5.0 §	86C	30m	3.0		3.0m	100J	1.5				6.0		60	XA§	CA	SC11b
13	GBS176D	100	6.0	80C	50m	3.0	50m	5.0m	125C	1.9						60 §	XF☑	CA	TO64
14#	2SM67	100	10	75C	30m	3.0		3.0m	100J	1.3	10			6.0 †		80	2A§	CA	RD39a
15#	2SM71	100	10	75C	30m	3.0		3.0m	100J	1.3	10			6.0 †		80	2A§	CA	SC76
16#	BCR10C2	100	10	75C	30m	3.0		3.0m	100J	1.3	10			6.0 †		80	2A§	CA	SC76
17#	2SM20	100	10	75C	75m	3.0	40m	3.0m	100J	1.4						70	XA§		RD25
18	BTV0410	100	10	75	100m	3.0	50m	5.0m	100	1.5		200n				100	XA☑	CA	SC53
19	MAC21-3	100	25	60	75m	3.0	75m	4.0m	110J	1.5	35 †	1.0u	25	100 §		225 §	4B§	CC	C111
20#	SM80B11	100	80	105C	150m	3.0	80m	10m	125J	2.0						1.2k	XC§		SC10a
21#	M9213-100	100	80	105C	200m	3.0	100m	10m	125J	2.0						1.2k	XC§		SC49
22	BTW26-150	150	14	50C	35m	1.5	20m			1.8					50		XB§		TO127
23#	TDAL110	200 △	1.0 §	25A	50m	3.0		1.0m	100J	2.0						20			RD1a
24#	SM2D41	200	2.0	70C	75m	3.0	50m	1.0m	110J	2.6	6.0 †					12	2B§	CD	MU26
25#	TMAL110	200 △	3.0 §	25A	100m	3.0		3.0m	100J	2.2						40		CA	SC22d
26#	TMAL113	200 △	3.0 §	75C	20m	3.0		2.0m	100J	2.2						60	XA☑	CA	TO64
27#	TOAL113	200 △	3.0 §	75C	20m	3.0		2.0m	100J	2.2						60	XA☑	CA	TO66
28#	TDAL113	200 △	3.0 §	75C	50m	2.2		2.0m	100J	2.2						30	XA☑		TO5
29#	2SM12	200	5.0	80C	75m	3.0	40m	3.0m	100J	1.8						45	XA§		RD25
30#	BCR5A4	200	5.0 §	86C	30m	3.0		3.0m	100J	1.5				6.0		60	XA§		RD20a
31#	BCR5B4	200	5.0 §	86C	30m	3.0		3.0m	100J	1.5				6.0		60	XA§	CA	RD33
32#	BCR5C4	200	5.0 §	86C	30m	3.0		3.0m	100J	1.5				6.0		60	XA§	CA	SC11b
33	S206△	200	6.0	70C												100 §	XA*	CA	RD17
34	S206S	200	6.0	70C												100 §	XA*	CA	SC18
35#	TIC220B	200	6.0	70C				1.0m	125	1.8						50	XC*	CA	RD17c
36#	TIC221B	200	6.0	70C				1.0m	125	1.8						50	XC*	CA	SC53
37#	TIC222B	200	6.0	70C				1.0m	125	1.8						50	XC*	CA	SC18d
38#	TMAL116	200 △	6.0 §	75C	40m	3.0		2.0m	100J	2.2						100	XA☑	CA	TO64
39#	TRAL116	200 △	6.0 §	75C	40m	3.0		2.0m	100J	2.2						100	XA§	CA	RD17f
40#	TRAL116D	200 △	6.0 §	75C	40m	3.0		2.0m	100J	2.2						100	XA§	CA	SC18r
41	GBS266E	200	6.0	75C	50m	3.0	50m	5.0m	100C	1.9						60 §	XA☑		TO66
42#	AC06B	200	6.0 §	75C	75m	3.0		2.0m	100J	1.9						50	XA§	CA	M94a
43#	AC06BR	200	6.0 §	75C	75m	3.0		2.0m	100J	1.9						50	XA§		M245a
44#	AC06BS	200	6.0 §	75C	75m	3.0		2.0m	100J	1.9						50	XA§	CA	S131b
45#	AC06BSR	200	6.0 §	75C	75m	3.0		2.0m	100J	1.9						50	XA§	CC	S18e
46	GBS276D	200	6.0	80C	50m	3.0	50m	5.0m	125C	1.9						60 §	XF☑	CA	TO64
47#	TRAL110	200 △	10 §	25A	100m	3.0		3.0m	100J	2.5						60		CA	RD17f
48#	TRAL110D	200 △	10 §	25A	100m	3.0		3.0m	100J	2.5						60		CA	SC18
49	S210△	200	10	70C												100 §	XA*	CA	RD17
50	S210S	200	10	70C												100 §	XA*	CA	SC18
51#	TIC230B	200	10	70C				1.0m	125	1.6						80	XC*	CA	RD17c
52#	TIC231B	200	10	70C				1.0m	125	1.6						80	XC*	CA	SC53
53#	TIC232B	200	10	70C				1.0m	125	1.6						80	XC*	CA	SC18d
54#	2SM68	200	10	75C	30m	3.0		3.0m	100J	1.3	10			6.0 †		80	2A§	CA	RD39a
55#	2SM72	200	10	75C	30m	3.0		3.0m	100J	1.3	10			6.0 †		80	2A§	CA	SC76
56#	BCR10A4	200	10	75C	30m	3.0		3.0m	100J	1.3	10			6.0 †		80	2A§	CA	RD38a
57#	BCR10B4	200	10	75C	30m	3.0		3.0m	100J	1.3	10			6.0 †		80	2A§	CA	RD39a
58#	BCR10C4	200	10	75C	30m	3.0		3.0m	100J	1.3	10			6.0 †		80	2A§	CA	SC76
59#	2SM21	200	10	75C	75m	3.0	40m	3.0m	100J	1.4						70	XA§		RD25
60#	AC10B	200	10 §	75C	75m	3.0		2.0m	100J	1.6						50	XA§	CA	M94a
61#	AC10BR	200	10 §	75C	75m	3.0		2.0m	100J	1.6						70	XA§		M245a
62#	AC10BS	200	10 §	75C	75m	3.0		2.0m	100J	1.6						50	XA§	CA	S131b
63#	AC10BSR	200	10 §	75C	75m	3.0		2.0m	100J	1.6						70	XA§	CC	S18e
64	BTV0420	200	10	75	100m	3.0	50m	5.0m	100	1.5		200n				100	XA☑	CA	SC53
65	GBS210E	200	10	75C	100m	3.0	50m	5.0m	100C	1.6						100 §	XA☑		TO66
66#	TRAL1110	200 △	10 §	80C	50m	2.2		2.0m	100J	2.2						100	XA§	CA	RD17f
67	2N5806	200	12	100	120m§	4.0	100m§	2.0m	115	1.6	35					200 §	XB*	CA	SC4
68	S215	200	15	70C												100 §	XA*	CA	RD17
69	S215S	200	15	70C												100 §	XA*	CA	SC18
70#	TIC240B	200	15	70C				1.0m	125	1.6						100	XC§	CA	RD17c
71#	TIC241B	200	15	70C				1.0m	125	1.6						100	XC*	CA	SC53
72#	TIC242B	200	15	70C				1.0m	125	1.6						100	XC*	CA	SC18d
73#	TRAL1115	200 △	15 §	75C	50m	3.0	60m	2.0m	100J	2.2		3.0u		200		150	XA§	CA	RD17f
74	GBS216	200	16	85S	100m	10		5.0m	85	1.5						135	XH	CA	TO48
75#	TIC250B	200	20	70				4.0m	110	2.0						200	X7	CA	RD17b
76#	TIC252B	200	20	70				4.0m	110	2.0						200	X7	CA	SC18b
77	MAC21-4	200	25	60	75m	3.0	75m	4.0m	110J	1.5	35 †	1.0u	25	100 §		225 §	4B§	CC	C111
78	S225	200	25	70C												250 §	XA*	CA	RD17
79	S225S	200	25	70C												250 §	XA*	CA	SC18
80#	TIC260B	200	25	70				4.0m	110	1.7						250	X7	CA	RD17b
81#	TIC262B	200	25	70				4.0m	110	1.7						250	X7	CA	SC18b
82#	TIC270B	200	40	70				4.0m	110	1.7						400	X7	CA	RD17b
83#	TIC272B	200	40	70				4.0m	110	1.7						400	X7	CA	SC18b
84#	SM80D11	200	80	105C	150m	3.0	80m	10m	125J	2.0						1.2k	XC§		SC10a
85#	M9213-200	200	80	105C	200m	3.0	100m	10m	125J	2.0						1.2k	XC§		SC49
86#	BCR5A6	300	5.0 §	86C	30m	3.0		3.0m	100J	1.5				10		60	XA§		RD20a
87#	BCR5B6	300	5.0 §	86C	30m	3.0		3.0m	100J	1.5				10		60	XA§	CA	RD33
88#	BCR5C6	300	5.0 §	86C	30m	3.0		3.0m	100J	1.5				10		60	XA§	CA	SC11b
89#	2SM69	300	10	75C	30m	3.0		3.0m	100J	1.3	10			6.0 †		80	2A§	CA	RD39a
90#	2SM73	300	10	75C	30m	3.0		3.0m	100J	1.3	10			6.0 †		80	2A§	CA	SC76
91#	BCR10A6	300	10	75C	30m	3.0		3.0m	100J	1.3	10			6.0 †		80	2A§	CA	RD38a
92#	BCR10B6	300	10	75C	30m	3.0		3.0m	100J	1.3	10			6.0 †		80	2A§	CA	RD39a
93#	BCR10C6	300	10	75C	30m	3.0		3.0m	100J	1.3	10			6.0 †		80	2A§	CA	SC76
94	BTV0430	300	10	75	100m	3.0	50m	5.0m	100	1.5		200n				100	XA☑	CA	SC53
95	BTW26-300	300	14	50C	35m	1.5	20m			1.8					50		XB§		TO127
96	MAC21-5	300	25	60	75m	3.0	75m	4.0m	110J	1.5	35 †	1.0u	25	100 §		225 §	4B§	CC	C111
97#	TDAL220	400 △	1.0 §	25A	50m	3.0		1.0m	100J	2.0						20			RD1a
98#	TMAL220	400 △	3.0 §	25A	100m	3.0		3.0m	100J	2.2						40		CA	SC22d
99#	TMAL223	400 △	3.0 §	75C	20m	3.0		3.0m	100J	2.2						60	XA☑	CA	TO64
100#	TOAL223	400 △	3.0 §	75C	20m	3.0		3.0m	100J	2.2						60	XA☑	CA	TO66
101#	TDAL223	400 △	3.0 §	75C	50m	2.2		2.0m	100J	2.2						30	XA☑		TO5
102#	BCR5A8	400	5.0 §	86C	30m	3.0		3.0m	100J	1.5				10		60	XA§		RD20a
103#	BCR5B8	400	5.0 §	86C	30m	3.0		3.0m	100J	1.5				10		60	XA§	CA	RD33
104#	BCR5C8	400	5.0 §	86C	30m	3.0		3.0m	100J	1.5				10		60	XA§	CA	SC11b
105	S406	400	6.0	70C												100 §	XA*	CA	RD17
106	S406S	400	6.0	70C												100 §	XA*	CA	SC18
107#	TIC220D	400	6.0	70C				1.0m	125	1.8						50	XC*	CA	RD17c
108#	TIC221D	400	6.0	70C				1.0m	125	1.8						50	XC*	CA	SC53
109#	TIC222D	400	6.0	70C				1.0m	125	1.8						50	XC*	CA	SC18d
110	BT110	400	6.0	75C§	35m	1.5	20m			2.2				100		45 †	XB§		TO127

4.TRIODES,POWER,BI-DIRECTIONAL:TRIACS

IN ORDER OF(1)MAX.REPETIT.OFF-STATE VOLTAGE (2)MAX.RMS CUR(3)@TEMP(4)IGT(5)VGT(6)TYPE No

LINE No.	6 TYPE No.	1 MAX.REP OFF-STATE VOLTAGE VDRM (V)	2 MAXIMUM RMS CURRENT IT(RMS) (A)	3 @T (°C)	MAXIMUM GATE FIRING CHAR:1ST QD 4 IGT (A)	5 VGT (V)	MAX HOLD CUR. IH (A)	MAX.OFF-ST. CURRENT ID@VDRM (A)	@T (°C)	PEAK ON-STATE VOLTAGE VTM (V)	@IT (A)	TYPICAL SWITCHING TIME Tgt (s)	@IT (A)	WORST-CASE dV/dt COMM. V/us	STATIC V/us	SURGE CUR-RENT ITSM (A)	OPER TEMP RNGE CODE - +	LEAD CODE	DRAWING No.
1#	TMAL226	400 △	6.0 $	75C	40m	3.0		3.0m	100J	2.2						100	XA☑	CA	TO64
2#	TRAL226	400 △	6.0 $	75C	40m	3.0		3.0m	100J	2.2						100	XA§	CA	RD17f
3#	TRAL226D	400 △	6.0 $	75C	40m	3.0		3.0m	100J	2.2						100	XA§	CA	SC18r
4	GBS466E	400	6.0	75C	50m	3.0	50m	5.0m	100C	1.9						60 §	XA☑		TO66
5#	AC06D	400	6.0 $	75C	75m	3.0		2.0m	100J	1.9						50	XA§	CA	M94a
6#	AC06DR	400	6.0 $	75C	75m	3.0		2.0m	100J	1.9						50	XA§		M245a
7#	AC06DS	400	6.0 $	75C	75m	3.0		2.0m	100J	1.9						50	XA§	CA	S131b
8#	AC06DSR	400	6.0 $	75C	75m	3.0		2.0m	100J	1.9						50	XA§	CC	S18e
9	GBS476D	400	6.0	80C	50m	3.0	50m	5.0m	125C	1.9						60 §	XF☑	CA	TO64
10#	TRAL220	400 △	10 $	25A	100m	3.0		3.0m	100J	2.5						60		CA	RD17f
11#	TRAL220D	400 △	10 $	25A	100m	3.0		3.0m	100J	2.5						60		CA	SC18
12	S410△	400	10	70C												100 §	XA*	CA	RD17
13	S410S	400	10	70C												100 §	XA*	CA	SC18
14#	TIC230D	400	10	70C				1.0m	125	1.6						80	XC*	CA	RD17c
15#	TIC231D	400	10	70C				1.0m	125	1.6						80	XC*	CA	SC53
16#	TIC232D	400	10	70C				1.0m	125	1.6						80	XC*	CA	SC18d
17#	2SM70	400	10	75C	30m	3.0		3.0m	100J	1.3	10			10 †		80	2A§	CA	RD39a
18#	2SM74	400	10	75C	30m	3.0		3.0m	100J	1.3	10			10 †		80	2A§	CA	SC76
19#	BCR10A8	400	10	75C	30m	3.0		3.0m	100J	1.3	10			10 †		80	2A§	CA	RD38a
20#	BCR10B8	400	10	75C	30m	3.0		3.0m	100J	1.3	10			10 †		80	2A§	CA	RD39a
21#	BCR10C8	400	10	75C	30m	3.0		3.0m	100J	1.3	10			10 †		80	2A§	CA	SC76
22#	AC10D	400	10 $	75C	75m	3.0		2.0m	100J	1.6						50	XA§	CA	M94a
23#	AC10DR	400	10 $	75C	75m	3.0		2.0m	100J	1.6						70	XA§		M245a
24#	AC10DS	400	10 $	75C	75m	3.0		2.0m	100J	1.6						50	XA§	CA	S131b
25#	AC10DSR	400	10 $	75C	75m	3.0		2.0m	100J	1.6						70	XA§	CC	S18e
26	BTV0440	400	10	75	100m	3.0	50m	5.0m	100	1.5		200n				100	XA☑	CA	SC53
27	GBS410E	400	10	75C	100m	3.0	50m	5.0m	100C	1.6						100 §	XA☑		TO66
28#	TRAL2210	400 △	10 $	80C	50m	2.2		2.0m	100J	2.2						100	XA§	CA	RD17f
29	2N5807	400	12	100	120m§	4.0	100m§	2.0m	115	1.6	35					200 §	XB*	CA	SC4
30	BTW26-400	400	14	50C	35m	1.5	20m			1.8					50		XB§		TO127
31	S415△	400	15	70C												100 §	XA*	CA	RD17
32	S415S	400	15	70C												100 §	XA*	CA	SC18
33#	TIC240D	400	15	70C				1.0m	125	1.6						100	XC*	CA	RD17c
34#	TIC241D	400	15	70C				1.0m	125	1.6						100	XC*	CA	SC53
35#	TIC242D	400	15	70C				1.0m	125	1.6						100	XC*	CA	SC18d
36#	TRAL2215	400 △	15 $	70C	100m	5.0		2.0m	100J	2.2						100	XA§	CA	RD17f
37	GBS416	400	16	85S	100m	10		5.0m	85	1.5						135	XH	CA	TO48
38#	TIC250D	400	20	70				4.0m	110	2.0						200	X7	CA	RD17b
39#	TIC252D	400	20	70				4.0m	110	2.0						200	X7	CA	SC18b
40	MAC21-6	400	25	60	75m	3.0	75m	4.0m	110J	1.5	35 †	1.0u	25	100 §		225 §	4B§	CC	C111
41	S425△	400	25	70C												250 §	XA*	CA	RD17
42	S425S	400	25	70C												250 §	XA*	CA	SC18
43#	TIC262D	400	25	70				4.0m	110	1.7						250	X7	CA	SC18b
44#	TIC270D	400	40	70				4.0m	110	1.7						400	X7	CA	RD17b
45#	TIC272D	400	40	70				4.0m	110	1.7						400	X7	CA	SC18b
46#	2SM13	450	5.0	80C	75m	3.0	40m	3.0m	100J	1.8						45	XA§		RD25
47#	2SM22	450	10	75C	75m	3.0	40m	3.0m	100J	1.4						70	XA§		RD25
48#	SM80G11	450	80	105C	150m	3.0	80m	10m	125J	2.0						1.2k	XC§		SC10a
49#	M9213-450	450	80	105C	200m	3.0	100m	10m	125J	2.0						1.2k	XC§		SC49
50#	TIC220E	500	6.0	70C				1.0m	125	1.8						50	XC*	CA	RD17c
51#	TIC221E	500	6.0	70C				1.0m	125	1.8						50	XC*	CA	SC53
52#	TIC222E	500	6.0	70C				1.0m	125	1.8						50	XC*	CA	SC18d
53#	TIC230E	500	10	70C				1.0m	125	1.6						80	XC*	CA	RD17c
54#	TIC231E	500	10	70C				1.0m	125	1.6						80	XC*	CA	SC53
55#	TIC232E	500	10	70C				1.0m	125	1.6						80	XC*	CA	SC18d
56	2N5808	500	12	100	120m§	4.0	100m§	2.0m	115	1.6	35					200 §	XB*	CA	SC4
57	BTW26-500	500	14	50C	35m	1.5	20m			1.8					50		XB§		TO127
58#	TIC240E	500	15	70C				1.0m	125	1.6						100	XC*	CA	RD17c
59#	TIC241E	500	15	70C				1.0m	125	1.6						100	XC*	CA	SC53
60#	TIC242E	500	15	70C				1.0m	125	1.6						100	XC*	CA	SC18d
61#	TIC250E	500	20	70				4.0m	110	2.0						200	X7	CA	RD17b
62#	TIC252E	500	20	70				4.0m	110	2.0						200	X7	CA	SC18b
63	MAC21-7	500	25	60	75m	3.0	75m	4.0m	110J	1.5	35 †	1.0u	25	100 §		225 §	4B§	CC	C111
64#	TIC260E	500	25	70				4.0m	110	1.7						250	X7	CA	RD17b
65#	TIC262E	500	25	70				4.0m	110	1.7						250	X7	CA	SC18b
66#	TIC270E	500	40	70				4.0m	110	1.7						400	X7	CA	RD17b
67#	TIC272E	500	40	70				4.0m	110	1.7						400	X7	CA	SC18b
68	BTV0460	600	10	75	100m	3.0	50m	5.0m	100	1.5		200n				100	XA☑	CA	SC53
69	2N5809	600	12	100	120m§	4.0	100m§	2.0m	115	1.6	35					200 §	XB*	CA	SC4
70	BTW26-600	600	14	50C	35m	1.5	20m			1.8					50		XB§		TO127
71#	TIC250M	600	20	70				4.0m	110	2.0						200	X7	CA	RD17b
72#	TIC252M	600	20	70				4.0m	110	2.0						200	X7	CA	SC18b
73#	TIC260M	600	25	70				4.0m	110	1.7						250	X7	CA	RD17b
74#	TIC262M	600	25	70				4.0m	110	1.7						250	X7	CA	SC18b
75#	TIC270M	600	40	70				4.0m	110	1.7						400	X7	CA	RD17b
76#	TIC272M	600	40	70				4.0m	110	1.7						400	X7	CA	SC18b

5.TRIODES,POWER,MISCELLANEOUS

IN ORDER OF(1)USE CODE(2)MAX.REP.OFF-ST.VOLT (3)MAX.STATIC ON-ST.CUR.(4)@TEMP(5)TYPE No.

LINE No.	5 TYPE No.	1 USE CODE	2 MAX.REP OFF-STATE VOLT. VDRM (V)	3 MAX STATIC ON-STATE CURRENT IT (A)	4 @T (°C)	MAXIMUM GATE FIRING CHARACTER. IGT (A)	VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST CURRENT ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYP SW. TIME Tgt (s)	SURGE CUR-RENT ITSM (A)	GENERAL DESCRIPTION	OPER TEMP RNGE CODE - +	LEAD CODE	DRAWING No.
1	W496A	GTO	15	4.0m	25	50m			100u	125	1.2					XC		TO18
2	W497A	GTO	15	4.0m	25	500u			100u	125	1.2					XC		TO18
3	RTGC0101	GTO	15	250m	75A	500u	1.0	10m	100u	125	2.0		200n	6.0		XC*		TO18
4	RTGD0101	GTO	15	500m	75A	1.0m	1.0	10m	100u	125	2.5		200n	15		XC*		TO5
5	3C15A	GTO	15	500m	100	50u	700m	1.0m	10u	25	1.0		1.4u			XC☑		TO9
6	G5U	GTO	25	250m	30A	10m	2.0	40m			2.2 ☑	1.0 †		5.0 E		6A§	AD	TO5
7	G6U	GTO	25	250m	30A	20m	2.0	60m			2.2 ☑	1.0 †		5.0 E		6A§	AD	TO5
8	G511U	GTO	25	250m	30A	10m	2.0	40m			2.2 ☑	1.0 †		5.0 E		6A§	AD	RD19
9	G611U	GTO	25	250m	30A	20m	2.0	60m			2.2 ☑	1.0 †		5.0 E		6A§	AD	RD19
10	ZJ224HU	GTO	25	1.4 △	20A	20m	1.0	50m	10u	25J	2.5	1.0		5.0 E		6A*	AD	TO5
11	ZJ224LU	GTO	25	1.4 △	20A	10m	1.0	25m	10u	25J	2.5	1.0		5.0 E		6A*	AD	TO5
12	MGCS821-1	GTO	25 Ø	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,10V	XA§	AF	TO41
13	MGCS924-1	GTO	25	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,12V	XA§	AF	TO41
14	W496B	GTO	30	4.0m	25	500u			100u	125	1.2					XC		TO18
15	W497B	GTO	30	4.0m	25	500u			100u	125	1.2					XC		TO18
16	SW30	GTO	30	30m	75	1.5m	1.0	10m	10u	25	1.5					58*	AD	TO18
17	TSW31A	GTO	30	100m	25A	1.0m	1.0	7.0m	10u	25A	2.0				I,VGQ20mA;6.0V	XC*		TO18
18	3C2030	GTO	30	200m	55A	10m	2.0	50m	10u	25A	2.0	200m	500n		I,VGQ10mA,3.0V	6C§	AA	TO9
19	3C2030A	GTO	30	200m	55A	10m	2.0	50m	10u	25A	2.0	200m	500n		I,VGQ10mA,3.0V	6C§	AA	TO9
20	RTGC0103	GTO	30	250m	75A	500u	1.0	10m	100u	125	2.0		200n	6.0		XC*		TO18
21	RTGD0103	GTO	30	500m	75A	1.0m	1.0	10m	100u	125	2.5		200n	15		XC*		TO5
22	3C30	GTO	30	500m	100	50u	700m	1.0m	10u	25	1.0		1.4u			XC☑		TO9
23	3C30A	GTO	30	500m	100	50u	700m	1.0m	10u	25	1.0		1.4u			XC☑		TO9
24	3C1030	GTO	30	500m	100	5.0m	1.5	25m	10u	25	2.0		500n			XC☑		TO9
25	3C1030A	GTO	30	500m	100	5.0m	1.5	25m	10u	25	2.0		500n			XC☑		TO9
26	G5F	GTO	50	250m	30A	10m	2.0	40m			2.2 ☑	1.0 †		5.0 E		6A§	AD	TO5
27	G6F	GTO	50	250m	30A	20m	2.0	60m			2.2 ☑	1.0 †		5.0 E		6A§	AD	TO5
28	G511F	GTO	50	250m	30A	10m	2.0	40m			2.2 ☑	1.0 †		5.0 E		6A§	AD	RD19
29	G611F	GTO	50	250m	30A	20m	2.0	60m			2.2 ☑	1.0 †		5.0 E		6A§	AD	RD19
30	TI010	GTO	50	1.0	80	20m	1.5	25m	1.0u	125	2.0	25m	500n		I,VGQ20mA;5.0V	6F*	AD	TO5
31	TI025	GTO	50	1.0	80	20m	1.5	25m	1.0u	125	2.0	25m	500n		I,VGQ20mA;5.0V	6F*	AD	TO5
32	TI050	GTO	50	1.0	80	20m	1.5	25m	1.7u	125	2.0	25m	500n		I,VGQ20mA;5.0V	6F*	AD	TO5
33	ZJ224HF	GTO	50	1.4 △	20A	20m	1.0	50m	10u	25J	2.5	1.0		5.0 E		6A*	AD	TO5
34	ZJ224LF	GTO	50	1.4 △	20A	10m	1.0	25m	10u	25J	2.5	1.0		5.0 E		6A*	AD	TO5
35	241UA	GTO	50	5.0	25C	70m	2.0		2.0m	125J	2.0 §	5.0		30	I,VGQ200mA,15V	6C§	AF	SC3
36	241WA	GTO	50	5.0	25C	70m	2.0		2.0m	125J	2.0 §	5.0		30	I,VGQ200mA,15V	6C§	AF	SC3
37	TIX120A0	GTO	50	5.0	65	50m	3.0		1.0m	125	1.8	5.0		30	I,VGQ360mA,6.0V	5C*	AD	SC4
38	MGCS821-2	GTO	50 Ø	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,10V	XA§	AF	TO41
39	MGCS924-2	GTO	50	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,12V	XA§	AF	TO41
40	MGCS925-2	GTO	50	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,12V	XA§	AF	TO41
41	W496C	GTO	60	4.0m	25	500u			100u	125	1.2					XC		TO18
42	W497C	GTO	60	4.0m	25	500u			100u	125	1.2					XC		TO18
43	TSW61A	GTO	60	100m	25A	1.0m	1.0	7.0m	10u	25A	2.0				I,VGQ20mA;6.0V	XC*		TO18
44	3C2060	GTO	60	200m	55A	10m	2.0	50m	10u	25A	2.0	200m	500n		I,VGQ10mA,3.0V	6C§	AA	TO9
45	3C2060A	GTO	60	200m	55A	10m	2.0	50m	10u	25A	2.0	200m	500n		I,VGQ10mA,3.0V	6C§	AA	TO9
46	RTGC0106	GTO	60	250m	75A	500u	1.0	10m	100u	125	2.0		200n	6.0		XC*		TO18
47	RTGD0106	GTO	60	500m	75A	1.0m	1.0	10m	100u	125	2.5		200n	15		XC*		TO5
48	3C60	GTO	60	500m	100	50u	700m	1.0m	10u	25	1.0		1.4u			XC☑		TO9
49	3C60A	GTO	60	500m	100	50u	700m	1.0m	10u	25	1.0		1.4u			XC☑		TO9
50	3C1060	GTO	60	500m	100	5.0m	1.5	25m	10u	25	2.0		500n			XC☑		TO9
51	3C1060A	GTO	60	500m	100	5.0m	1.5	25m	10u	25	2.0		500n			XC☑		TO9
52	W496D	GTO	100	4.0m	25	500u			100u	125	1.2					XC		TO18
53	W497D	GTO	100	4.0m	25	500u			100u	125	1.2					XC		TO18
54	TSW101A	GTO	100	100m	25A	1.0m	1.0	7.0m	10u	25A	2.0				I,VGQ20mA;6.0V	XC*		TO18
55	3C2100	GTO	100	200m	55A	10m	2.0	50m	10u	25A	2.0	200m	500n		I,VGQ10mA,3.0V	6C§	AA	TO9
56	3C2100A	GTO	100	200m	55A	10m	2.0	50m	10u	25A	2.0	200m	500n		I,VGQ10mA,3.0V	6C§	AA	TO9
57	G5A	GTO	100	250m	30A	10m	2.0		40m	25J	2.2 ☑	1.0 †		5.0 E		6A§	AD	TO5
58	G6A	GTO	100	250m	30A	20m	2.0	60m			2.2 ☑	1.0 †		5.0 E		6A§	AD	TO5
59	G511A	GTO	100	250m	30A	10m	2.0	40m			2.2 ☑	1.0 †		5.0 E		6A§	AD	RD19
60	G611A	GTO	100	250m	30A	20m	2.0	60m			2.2 ☑	1.0 †		5.0 E		6A§	AD	RD19
61	RTGC0110	GTO	100	250m	75A	500u	1.0	10m	100u	125	2.0		200n	6.0		XC*		TO18
62	RTGD0110	GTO	100	500m	75A	1.0m	1.0	10m	100u	125	2.5		200n	15		XC*		TO5
63	3C100☑	GTO	100	500m	100	50u	700m	1.0m	10u	25	1.0		1.4u			XC☑		TO9
64	3C100A	GTO	100	500m	100	50u	700m	1.0m	10u	25	1.0		1.4u			XC☑		TO9
65	3C1100	GTO	100	500m	100	5.0m	1.5	25m	10u	25	2.0		500n			XC☑		TO9
66	3C1100A	GTO	100	500m	100	5.0m	1.5	25m	10u	25	2.0		500n			XC☑		TO9
67	ZJ224LA	GTO	100	1.4 △	20A	10m	1.0	25m	10u	25J	2.5	1.0		5.0 E		6A*	AD	TO5
68	3GCRCX	GTO	100	3.0	25B	50m	3.0	50m	4.0uØ	25	2.5		2.0u	40		XC§	AF	SC5
69	3GCRCY	GTO	100	3.0	25B	50m	3.0	50m	4.0uØ	25	2.5		2.0u	40		XC§	AF	SC5
70	3GCRCZ	GTO	100	3.0	25B	50m	3.0	50m	4.0uØ	25	2.5		2.0u	40		XC§	AF	SC5
71	241UB	GTO	100	5.0	25C	70m	2.0		2.0m	125J	2.0 §	5.0		30	I,VGQ200mA,15V	6C§	AF	SC3
72	241WB	GTO	100	5.0	25C	70m	2.0		2.0m	125J	2.0 §	5.0		30	I,VGQ200mA,15V	6C§	AF	SC3
73	TIX120A1	GTO	100	5.0	65	50m	3.0		1.0m	125	1.8	5.0		30	I,VGQ360mA,6.0V	5C*	AD	SC4
74	MGCS821-3	GTO	100 Ø	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,10V	XA§	AF	TO41
75	MGCS924-3	GTO	100	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,12V	XA§	AF	TO41
76	MGCS925-3	GTO	100	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,12V	XA§	AF	TO41
77	242XB	GTO	100 △	10 △	125	100m	2.5		10m	25	2.0	5.0		40	IGQ 4.0A	6C*		
78	242YB	GTO	100 △	10 △	125	200m	2.5		10m	25	3.0	5.0		30	IGQ 6.0A	6C*		
79	242ZB	GTO	100 △	10 △	125	300m	2.5		10m	25	4.0	5.0		40	IGQ 8.0A	6C*		
80	3C2150	GTO	150	200m	55A	10m	2.0	50m	10u	25A	2.0	200m	500n		I,VGQ10mA,3.0V	6C§	AA	TO9
81	3C2150A	GTO	150	200m	55A	10m	2.0	50m	10u	25A	2.0	200m	500n		I,VGQ10mA,3.0V	6C§	AA	TO9
82	RTGC0115	GTO	150	250m	75A	500u	1.0	10m	100u	125	2.0		200n	6.0		XC*		TO18
83	RTGD0115	GTO	150	500m	75A	1.0m	1.0	10m	100u	125	2.5		200m	15		XC*		TO5
84	3C1150	GTO	150	500m	100	5.0m	1.5	25m	10u	25	2.0		500n			XC☑		TO9
85	3C1150A	GTO	150	500m	100	5.0m	1.5	25m	10u	25	2.0		500n			XC☑		TO9
86	3GCRDX	GTO	150	3.0	25B	50m	3.0	50m	3.5uØ	25	2.5		2.0u	40		XC§	AF	SC5
87	3GCRDY	GTO	150	3.0	25B	50m	3.0	50m	3.5uØ	25	2.5		2.0u	40		XC§	AF	SC5
88	3GCRDZ	GTO	150	3.0	25B	50m	3.0	50m	3.5uØ	25	2.5		2.0u	40		XC§	AF	SC5
89	TCR82	GTO	150	5.0		15m	1.0	25m	10u	25	2.0	2.0		60	I,VGQ200mA,20V	6C*	AF	SC5
90	241UC	GTO	150	5.0	25C	70m	2.0		2.0m	125J	2.0 §	5.0		30	I,VGQ200mA,15V	6C§	AF	SC3
91	241WC	GTO	150	5.0	25C	70m	2.0		2.0m	125J	2.0 §	5.0		30	I,VGQ200mA,15V	6C§	AF	SC3
92	W496E	GTO	200	4.0m	25	500u			100u	125	1.2					XC		TO18
93	W497E	GTO	200	4.0m	25	500u			100u	125	1.2					XC		TO18
94	TSW201A	GTO	200	100m	25A	1.0m	1.0	7.0m	10u	25A	2.0				I,VGQ20mA;6.0V	XC*		TO18
95	3C2200	GTO	200	200m	55A	10m	2.0	50m	10u	25A	2.0	200m	500n		I,VGQ10mA,3.0V	6C§	AA	TO9
96	3C2200A	GTO	200	200m	55A	10m	2.0	50m	10u	25A	2.0	200m	500n		I,VGQ10mA,3.0V	6C§	AA	TO9
97	G5B	GTO	200	250m	30A	10m	2.0		40m	25J	2.2 ☑	1.0 †		5.0 E		6A§	AD	TO5
98	G6B	GTO	200	250m	30A	20m	2.0	60m			2.2 ☑	1.0 †		5.0 E		6A§	AD	TO5
99	G511B	GTO	200	250m	30A	10m	2.0	40m			2.2 ☑	1.0 †		5.0 E		6A§	AD	RD19
100	G611B	GTO	200	250m	30A	20m	2.0	60m			2.2 ☑	1.0 †		5.0 E		6A§	AD	RD19
101	RTGC0120	GTO	200	250m	75A	500u	1.0	10m	100u	125	2.0		200n	6.0		XC*		TO18
102	RTGD0120	GTO	200	500m	75A	1.0m	1.0	10m	100u	125	2.5		200n	15		XC*		TO5
103	3C200	GTO	200	500m	100	50u	700m	1.0m	10u	25	1.0		1.4u			XC☑		TO9
104	3C200A	GTO	200	500m	100	50u	700m	1.0m	10u	25	1.0		1.4u			XC☑		TO9
105	3C1200	GTO	200	500m	100	5.0m	1.5	25m	10u	25	2.0		500n			XC☑		TO9
106	3C1200A	GTO	200	500m	100	5.0m	1.5	25m	10u	25	2.0		500n			XC☑		TO9
107	ZJ224HB	GTO	200	1.4 △	20A	20m	1.0	50m	10u	25J	2.5	1.0		5.0 E		6A*	AD	TO5
108	ZJ224LB	GTO	200	1.4 △	20A	10m	1.0	25m	10u	25J	2.5	1.0		5.0 E		6A*	AD	TO5
109	3GCREX	GTO	200	3.0	25B	50m	3.0	50m	3.0uØ	25	2.5		2.0u	40		XC§	AF	SC5
110	3GCREY	GTO	200	3.0	25B	50m	3.0	50m	3.0uØ	25	2.5		2.0u	40		XC§	AF	SC5

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

5.TRIODES,POWER,MISCELLANEOUS

IN ORDER OF(1)USE CODE(2)MAX.REP.OFF-ST.VOLT (3)MAX.STATIC ON-ST.CUR.(4)@TEMP(5)TYPE No.

LINE No.	5 TYPE No.	1 USE CODE	2 MAX.REP OFF-STATE VOLT. VDRM (V)	3 MAX STATIC ON-STATE CURRENT IT (A)	4 @T (°C)	MAXIMUM GATE FIRING CHARACTER. IGT (A)	VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST CURRENT ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYP SW. TIME Tgt (s)	SURGE CUR-RENT ITSM (A)	GENERAL DESCRIPTION	OPER TEMP RNGE CODE - +	LEAD CODE	DRAWING No.
1	3GCREZ	GTO	200	3.0	25B	50m	3.0	50m	3.0uØ	25	2.5		2.0u	40		XC§	AF	SC5
2	241UD	GTO	200	5.0	25C	70m	2.0		2.0m	125J	2.0 §	5.0		30	I,VGQ200mA,15V	6C§	AF	SC3
3	241WD	GTO	200	5.0	25C	70m	2.0		2.0m	125J	2.0 §	5.0		30	I,VGQ200mA,15V	6C§	AF	SC3
4	TIX120A2	GTO	200	5.0	65	50m	3.0		1.0m	125	1.8	5.0		30	I,VGQ360mA,6.0V	5C*	AD	SC4
5	MGCS821-4	GTO	200 Ø	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,10V	XA§	AF	TO41
6	MGCS924-4	GTO	200	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,12V	XA§	AF	TO41
7	MGCS925-4	GTO	200	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,12V	XA§	AF	TO41
8	242XD	GTO	200 △	10 △	125	100m	2.5		10m	25	2.0	5.0		40	IGQ 4.0A	6C*		
9	242YD	GTO	200 △	10 △	125	200m	2.5		10m	25	3.0	5.0		30	IGQ 6.0A	6C*		
10	242ZD	GTO	200 △	10 △	125	300m	2.5		10m	25	4.0	5.0		40	IGQ 8.0A	6C*		
11	RTGC0125	GTO	250	250m	75A	500u	1.0	10m	100u	125	2.0		200n	6.0		XC*		TO18
12	RTGD0125	GTO	250	500m	75A	1.0m	1.0	10m	100u	125	2.5		200n	15		XC*		TO5
13	3GCRFX	GTO	250	3.0	25B	50m	3.0	50m	2.5uØ	25	2.5		2.0u	40		XC§	AF	SC5
14	3GCRFY	GTO	250	3.0	25B	50m	3.0	50m	2.5uØ	25	2.5		2.0u	40		XC§	AF	SC5
15	3GCRFZ	GTO	250	3.0	25B	50m	3.0	50m	2.5uØ	25	2.5		2.0u	40		XC§	AF	SC5
16	G5C	GTO	300	250m	30A	10m	2.0	40m			2.2 ☑	1.0 †		5.0 E		6A§	AD	TO5
17	G6C	GTO	300	250m	30A	20m	2.0	60m			2.2 ☑	1.0 †		5.0 E		6A§	AD	TO5
18	G511C	GTO	300	250m	30A	10m	2.0	40m			2.2 ☑	1.0 †		5.0 E		6A§	AD	RD19
19	G611C	GTO	300	250m	30A	20m	2.0	60m			2.2 ☑	1.0 †		5.0 E		6A§	AD	RD19
20	RTGC0130	GTO	300	250m	75A	500u	1.0	10m	100u	125	2.0		200n	6.0		XC*		TO18
21	RTGD0130	GTO	300	500m	75A	1.0m	1.0	10m	100u	125	2.5		200n	15		XC*		TO5
22	ZJ224HC	GTO	300	1.4 △	20A	20m	1.0	50m	10u	25J	2.5	1.0		5.0 E		6A*	AD	TO5
23	ZJ224LC	GTO	300	1.4 △	20A	10m	1.0	25m	10u	25J	2.5	1.0		5.0 E		6A*	AD	TO5
24	3GCRGX	GTO	300	3.0	25B	50m	3.0	50m	2.0uØ	25	2.5		2.0u	40		XC§	AF	SC5
25	3GCRGY	GTO	300	3.0	25B	50m	3.0	50m	2.0uØ	25	2.5		2.0u	40		XC§	AF	SC5
26	3GCRGZ	GTO	300	3.0	25B	50m	3.0	50m	2.0uØ	25	2.5		2.0u	40		XC§	AF	SC5
27	TCR85	GTO	300	5.0		15m	1.0	25m	10u	25	2.0	2.0		60	I,VGQ200mA,20V	6C*	AF	SC5
28	241UF	GTO	300	5.0	25C	70m	2.0		2.0m	125J	2.0 §	5.0		30	I,VGQ200mA,15V	6C§	AF	SC3
29	241WF	GTO	300	5.0	25C	70m	2.0		2.0m	125J	2.0 §	5.0		30	I,VGQ200mA,15V	6C§	AF	SC3
30	MGCS821-5	GTO	300 Ø	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,10V	XA§	AF	TO41
31	MGCS924-5	GTO	300	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,12V	XA§	AF	TO41
32	MGCS925-5	GTO	300	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,12V	XA§	AF	TO41
33	242XF	GTO	300 △	10 △	125	100m	2.5		10m	25	2.0	5.0		40	IGQ 4.0A	6C*		
34	242YF	GTO	300 △	10 △	125	200m	2.5		10m	25	3.0	5.0		30	IGQ 6.0A	6C*		
35	242ZF	GTO	300 △	10 △	125	300m	2.5		10m	25	4.0	5.0		40	IGQ 8.0A	6C*		
36	G5D	GTO	400	250m	30A	10m	2.0	40m			2.2 ☑	1.0 †		5.0 E		6A§	AD	TO5
37	G6D	GTO	400	250m	30A	20m	2.0	60m			2.2 ☑	1.0 †		5.0 E		6A§	AD	TO5
38	G511D	GTO	400	250m	30A	10m	2.0	40m			2.2 ☑	1.0 †		5.0 E		6A§	AD	RD19
39	G611D	GTO	400	250m	30A	20m	2.0	60m			2.2 ☑	1.0 †		5.0 E		6A§	AD	RD19
40	ZJ224LD	GTO	400	1.4 △	20A	10m	1.0	25m	10u	25J	2.5	1.0		5.0 E		6A*	AD	TO5
41	3GCRHY	GTO	400	3.0	25B	50m	3.0	50m	1.5uØ	25	2.5		2.0u	40		XC§	AF	SC5
42	3GCRHZ	GTO	400	3.0	25B	50m	3.0	50m	1.5uØ	25	2.5		2.0u	40		XC§	AF	SC5
43	TCR86	GTO	400	5.0		15m	1.0	25m	10u	25	2.0	2.0		60	I,VGQ200mA,20V	6C*	AF	SC5
44	241UH	GTO	400	5.0	25C	70m	2.0		2.0m	125J	2.0 §	5.0		30	I,VGQ200mA,15V	6C§	AF	SC3
45	241WH	GTO	400	5.0	25C	70m	2.0		2.0m	125J	2.0 §	5.0		30	I,VGQ200mA,15V	6C§	AF	SC3
46	MGCS821-6	GTO	400 Ø	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,10V	XA§	AF	TO41
47	MGCS924-6	GTO	400	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,12V	XA§	AF	TO41
48	MGCS925-6	GTO	400	5.0	80C	100m	3.5	40mØ	5.0m	105J	2.0	5.0		60 △	I,VGQ500mA,12V	XA§	AF	TO41
49	242XH	GTO	400 △	10 △	125	100m	2.5		10m	25	2.0	5.0		40	IGQ 4.0A	6C*		
50	242YH	GTO	400 △	10 △	125	200m	2.5		10m	25	3.0	5.0		30	IGQ 6.0A	6C*		
51	242ZH	GTO	400 △	10 △	125	300m	2.5		10m	25	4.0	5.0		40	IGQ 8.0A	6C*		
52	3GCRIX	GTO	500	3.0	25B	50m	3.0	50m	1.0uØ	25	2.5		2.0u	40		XC§	AF	SC5
53	3GCRIY	GTO	500	3.0	25B	50m	3.0	50m	1.0uØ	25	2.5		2.0u	40		XC§	AF	SC5
54	3GCRIZ	GTO	500	3.0	25B	50m	3.0	50m	1.0uØ	25	2.5		2.0u	40		XC§	AF	SC5
55	241UK	GTO	500	5.0	25C	70m	2.0		2.0m	125J	2.0 §	5.0		30	I,VGQ200mA,15V	6C§	AF	SC3
56	241WK	GTO	500	5.0	25C	70m	2.0		2.0m	125J	2.0 §	5.0		30	I,VGQ200mA,15V	6C§	AF	SC3
57	242XK	GTO	500 △	10 △	125	100m	2.5		10m	25	2.0	5.0		40	IGQ 4.0A	6C*		
58	242YK	GTO	500 △	10 △	125	200m	2.5		10m	25	3.0	5.0		30	IGQ 6.0A	6C*		
59	242ZK	GTO	500 △	10 △	125	300m	2.5		10m	25	4.0	5.0		40	IGQ 8.0A	6C*		
60	3GCRJX	GTO	600	3.0	25B	50m	3.0	50m	1.0uØ	25	2.5		2.0u	40		XC§	AF	SC5
61	3GCRJY	GTO	600	3.0	25B	50m	3.0	50m	1.0uØ	25	2.5		2.0u	40		XC§	AF	SC5
62	3GCRJZ	GTO	600	3.0	25B	50m	3.0	50m	1.0uØ	25	2.5		2.0u	40		XC§	AF	SC5
63	241UM	GTO	600	5.0	25C	70m	2.0		2.0m	125J	2.0 §	5.0		30	I,VGQ200mA,15V	6C§	AF	SC3
64	241WM	GTO	600	5.0	25C	70m	2.0		2.0m	125J	2.0 §	5.0		30	I,VGQ200mA,15V	6C§	AF	SC3
65	242XM	GTO	600 △	10 △	125	100m	2.5		10m	25	2.0	5.0		40	IGQ 4.0A	6C*		
66	242YM	GTO	600 △	10 △	125	200m	2.5		10m	25	3.0	5.0		40	IGQ 8.0A	6C*		
67	242ZM	GTO	600 △	10 △	125	300m	2.5		10m	25	4.0	5.0		40	IGQ 8.0A	6C*		
68	242XP	GTO	700 △	10 △	125	100m	2.5		10m	25	2.0	5.0		40	IGQ 4.0A	6C*		
69	242YP	GTO	700 △	10 △	125	200m	2.5		10m	25	3.0	5.0		40	IGQ 8.0A	6C*		
70	242ZP	GTO	700 △	10 △	125	300m	2.5		10m	25	4.0	5.0		40	IGQ 8.0A	6C*		
71	242XS	GTO	800 △	10 △	125	100m	2.5		10m	25	2.0	5.0		40	IGQ 4.0A	6C*		
72	242YS	GTO	800 △	10 △	125	200m	2.5		10m	25	3.0	5.0		40	IGQ 8.0A	6C*		
73	242ZS	GTO	800 △	10 △	125	300m	2.5		10m	25	4.0	5.0		40	IGQ 8.0A	6C*		
74	L6X12	LAS	12	250m	30C	405m		200uØ	10u	25J	1.1	250m	50u	10 §	HET 22mW/cm2max	67*		A116
75	L7X12	LAS	12	250m	30C	1.4m		100u	10u	75J	1.1		100u	10 §	HET 75mW/cm2max	67*		A116
76	FL1S1	LAS	12	260m	25A				10u	25	1.2	250m		5.0	Et500 ftc max	2F*	♦	A1bz
77	FL2S1	LAS	12	260m	25A				10u	25	1.2	250m		5.0	Et 1.5kftc	2F*	♦	A1bz
78	FL3S1	LAS	12	260m	25A				10u	25	1.2	250m		5.0	Et 3.0kftc	2F*	♦	A1bz
79	5P15	LAS	15	150m	50A	30u	600m	1.0m	100n	25A	1.2	200m		5.0 E		XC		MU2
80	TP2	LAS	20	200m	25A	1.5m			10u	25	1.5			5.0		5F%		DO7
81	HLS1-25	LAS	25	200m	25A	50u	800m	2.0m			1.5				Et 300ftc max	6A§		TO18
82	HLS2-25	LAS	25	200m	25A	300m		2.0m			1.5				Et 300ftc max	6A*		DO7
83	TPS20	LAS	25	200m	25A	150m		1.0m	10u	25	1.5			1.0		X7		RD1f
84	L6U	LAS	25	250m	30C	405m		200uØ	10u	25J	1.1	250m	50u	10 §	HET 22mW/cm2max	67*		A116
85	L7U	LAS	25	250m	30C	1.4m		100u	10u	75J	1.1		100u	10 §	HET 75mW/cm2max	67*		A116
86	FL1S2	LAS	25	260m	25A				10u	25	1.2	250m		5.0	Et500 ftc max	2F*	♦	A1bz
87	FL2S2	LAS	25	260m	25A				10u	25	1.2	250m		5.0	Et 1.5kftc	2F*	♦	A1bz
88	FL3S2	LAS	25	260m	25A				10u	25	1.2	250m		5.0	Et 3.0kftc	2F*	♦	A1bz
89	ZJ227U	LAS	25	400m	35A	200m	800m		10u	25J	1.8	1.0		10	Et 300ftc max	2A*	AD	RD1g
90	HLS25	LAS	25	500m	25A	300m	800m	2.0m			1.5				Et 300ftc max	XA*	AD	TO5
91	5P30	LAS	30	150m	50A	30u	600m	1.0m	100n	25A	1.2	200m		5.0 E	Et200 ft.c.	XC		MU2
92	L14T1	LAS	40	100m	25						1.6	50m			HET 100uW/cm2 min	5A*	AB	TO92
93	L14T2	LAS	40	100m	25						1.6	50m			HET 100uW/cm2 min	5A*	AB	TO92
94	L14T3	LAS	40	100m	25						1.6	50m			HET 100uW/cm2 min	5A*	AB	TO92
95	L14T4	LAS	40	100m	25						1.6	50m			HET 100uW/cm2 min	5A*	AB	TO92
96	L14T5	LAS	40	100m	25						1.6	50m			HET 100uW/cm2 min	5A*	AB	TO92
97	L1V	LAS	40	175m		10u	1.0	2.0m	20u	100A	2.0	175m	15u☑		HET 1mW/cmsq min	5C	EL	RD2a
98	HLS1-50	LAS	50	200m	25A	50u	800m	2.0m			1.5				Et 300ftc max	6A§		TO18
99	HLS2-50	LAS	50	200m	25A	300m		2.0m			1.5				Et 300ftc max	6A*		DO7
100	TP5	LAS	50	200m	25A	1.5m			10u	25	1.5			5.0		5F%		DO7
101	TPS50	LAS	50	200m	25A	150m		1.0m	10u	25	1.5			1.0		X7		RD1f
102	L6F	LAS	50	250m	30C	405m		200uØ	10u	25J	1.1	250m	50u	10 §	HET 22mW/cm2max	67*		A116
103	L7F	LAS	50	250m	30C	1.4m		100u	10u	75J	1.1		100u	10 §	HET 75mW/cm2max	67*		A116
104	FL1S5	LAS	50	260m	25A				10u	25	1.2	250m		5.0	Et500 ftc max	2F*	♦	A1bz
105	FL2S5	LAS	50	260m	25A				10u	25	1.2	250m		5.0	Et 1.5kftc	2F*	♦	A1bz
106	FL3S5	LAS	50	260m	25A				10u	25	1.2	250m		5.0	Et 3.0kftc	2F*	♦	A1bz
107	ZJ227F	LAS	50	400m	35A	200m	800m		10u	25J	1.8	1.0		10	Et 300ftc max	2A*	AD	RD1g
108	5P60	LAS	60	150m	50A	30u	600m	1.0m	100n	25A	1.2	200m		5.0 E	Et200 ft.c.	XC		MU2
109	5P100	LAS	100	150m	50A	30u	600m	1.0m	100n	25A	1.2	200m		5.0 E		XC		MU2
110	HLS2-100	LAS	100	200m	25A	300m		2.0m			1.5				Et 300ftc max	6A*		DO7

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

5.TRIODES,POWER,MISCELLANEOUS

IN ORDER OF(1)USE CODE(2)MAX.REP.OFF-ST.VOLT
(3)MAX.STATIC ON-ST.CUR.(4)@TEMP(5)TYPE No.

LINE No.	5 TYPE No.	1 USE CODE	2 MAX.REP OFF-STATE VOLT. VDRM (V)	3 MAX STATIC ON-STATE CURRENT IT (A)	4 @T (°C)	MAXIMUM GATE FIRING CHARACTER. IGT (A)	VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST CURRENT ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYP SW. TIME Tgt (s)	SURGE CUR-RENT ITSM (A)	GENERAL DESCRIPTION	OPER TEMP RNGE CODE - +	LEAD CODE	DRAWING No.
1	TP10	LAS	100	200m	25A	1.5m			10u	25	1.5			5.0		5F%		DO7
2	L6A	LAS	100	250m	30C	405m		200uØ	10u	25J	1.1	250m	50u	10 §	HET 22mW/cm2max	67*		A116
3	L7A	LAS	100	250m	30C	1.4m		100u	10u	75J	1.1		100u	10 §	HET 75mW/sqcm max	67*		A116
4	FL1S10	LAS	100	260m	25A				10u	25	1.2	250m		5.0	Et500 ftc max	2F*	♦	A1bz
5	FL2S10	LAS	100	260m	25A				10u	25	1.2	250m		5.0	Et 1.5kftc	2F*	♦	A1bz
6	FL3S10	LAS	100	260m	25A				10u	25	1.2	250m		5.0	Et 3.0kftc	2F*	♦	A1bz
7	ZJ227A	LAS	100	400m	35A	200m	800m		10u	25J	1.8	1.0		10	Et 300ftc max	2A*	AD	RD1g
8	HLS1-150	LAS	150	200m	25A	50u	800m	2.0m			1.5				Et 300ftc max	6A§		TO18
9	HLS2-150	LAS	150	200m	25A	300m		2.0m			1.5				Et 300ftc max	6A*		DO7
10	FL1S15	LAS	150	260m	25A				10u	25	1.2	250m		5.0	Et500 ftc max	2F*	♦	A1bz
11	FL2S15	LAS	150	260m	25A				10u	25	1.2	250m		5.0	Et 1.5kftc	2F*	♦	A1bz
12	FL3S15	LAS	150	260m	25A				10u	25	1.2	250m			Et 3.0kftc max	2F*	♦	A1bz
13	ZJ227G	LAS	150	400m	35A	200m	800m		10u	25J	1.8	1.0		10	Et 300ftc max	2A*	AD	RD1g
14	HLS1-200	LAS	200	200m	25A	50u	800m	2.0m			1.5				Et 300ftc max	6A§		TO18
15	HLS2-200	LAS	200	200m	25A	300m		2.0m			1.5				Et 300ftc max	6A*		DO7
16	TP20	LAS	200	200m	25A	1.5m			10u	25	1.5			5.0		5F%		DO7
17	L6B	LAS	200	250m	30C	405m		200uØ	10u	25J	1.1	250m	50u	10 §	HET 22mW/cm2max	67*		A116
18	L7B	LAS	200	250m	30C	1.4m		100u	10u	75J	1.1		100u	10 §	HET75mW/cmsq max	67*		A116
19	FL1S20	LAS	200	260m	25A				10u	25	1.2	250m		5.0	Et500 ftc max	2F*	♦	A1bz
20	FL2S20	LAS	200	260m	25A				10u	25	1.2	250m		5.0	Et 1.5kftc	2F*	♦	A1bz
21	FL3S20	LAS	200	260m	25A				10u	25	1.2	250m			Et 3.0kftc max	2F*	♦	A1bz
22	ZJ227B	LAS	200	400m	35A	200m	800m		10u	25J	1.8	1.0		10	Et 300ftc max	2A*	AD	C16r
23	FL1S25	LAS	250	260m	25A				10u	25	1.2	250m		5.0	Et500 ftc max	2F*	♦	A1bz
24	FL2S25	LAS	250	260m	25A				10u	25	1.2	250m		5.0	Et 1.5kftc	2F*	♦	A1bz
25	FL3S25	LAS	250	260m	25A				10u	25	1.2	250m			Et 3.0kftc max	2F*	♦	A1bz
26	HLS1-300	LAS	300	200m	25A	50u	800m	2.0m			1.5				Et 300ftc max	6A§		TO18
27	HLS2-300	LAS	300	200m	25A	300m		2.0m			1.5				Et 300ftc max	6A*		DO7
28	TP30	LAS	300	200m	25A	1.5m			10u	25	1.5			5.0		5F%		DO7
29	L6C	LAS	300	250m	30C	405m		200uØ	10u	25J	1.1	250m	50u	10 §	HET 22mW/cm2max	67*		A116
30	L7C	LAS	300	250m	30C	1.4m		100u	10u	75J	1.1		100u	10 §	HET75mW/cmsq max	67*		A116
31	TP40	LAS	400	200m	25A	1.5m			10u	25	1.5			5.0		5F%		DO7
32	L6D	LAS	400	250m	30C	405m		200uØ	10u	25J	1.1	250m	50u	10 §	HET 22mW/cm2max	67*		A116
33	L7D	LAS	400	250m	30C	1.4m		100u	10u	75J	1.1		100u	10 §	HET 75mW/cm2max	67*		A116

7.MULTI-GATE DEVICES

IN ORDER OF(1)USE CODE(2)MAX.REP.OFF-ST.VOLT (3)MAX.STATIC ON-ST.CUR.(4)@TEMP(5)TYPE No.

LINE No.	5 TYPE No.	1 USE CODE	2 MAX.REP OFF-STATE VOLT. VDRM (V)	REP. PEAK REV.V VRRM (V)	3 MAX.STATIC ON-STATE CURRENT IT (A)	4 @T (°C)	MAXIMUM GATE FIRING CHARACTERISTICS P-GATE IGT (A)	P-GATE VGT (V)	N-GATE ICT (A)	N-GATE VCT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYP. SW. TIME Tgt (s)	SURGE CUR-RENT ITSM (A)	OPER TEMP RNGE CODE - +	LEAD CODE	DRAWING No.
1	13A8	SCS	20	25	100m	25	3.0m	1.2	10u	700m	2.0m	1.0u	25A	1.5	25m		100	58*	EF	TO12
2	13A565	SCS	30	30	100m	25	500u		50m								100	6A§	EF	TO12
3	3N58	SCS	40	40	100m	100A	1.0u	650m			1.5m	20u	150A	1.5	50m	1.5u∅		6F*	EK	TO12
4	3N59	SCS	40	40	100m	100A	1.5m	1.2	1.0u	650m	1.5m	20u	150A	1.5	50m	3.0u∅		6F*	EK	TO12
5	3N60	SCS	40	40	100m	100A	1.5m	1.2	1.0u	650m	1.5m	20u	150A	1.5	50m	3.0u∅		6F*	EK	TO12
6	TIC26	SCS	40	40	175m	25	100u	1.0	20u		10m	20u	125A	1.9	175m	2.5u		5C§	EK	TO18
7	3N80	SCS	40	40	200m	25A	1.0u	650m	1.0m	800m	6.0m	20u	150A	2.0	200m	1.5u		6F§	EM∅	TO72
8	BIP7301A	SCS	65	65							1.5m			3.5					XF	M309
9	TIC27	SCS	100	100	175m	25	100u	1.0	20u		10m	20u	125A	1.9	175m	2.5u		5C§	EK	TO18

MANUFACTURERS AND THEIR ADDRESSES

SPACE-SAVERS UTILIZED IN THIS MANUFACTURER LISTING

(*) — Manufacturer not a current commercial producer of transistors — address is that last recorded in our files. Company may or may not be active at this address.

see (code) — Indicates one or more of the following changes have occurred since original letter code was used: (1) Change of code; (2) Change of manufacturer name; (3) Purchase by or combination with another manufacturer.

	AEGG	— AEG-Telefunken, Fachgebiet Leistungshalbleiter, 4785 Belecke/Mohne, Postfach 16, West Germany
	AEIL	— AEI Semiconductors, Ltd., Carholme Road, Lincoln, England
	ALGG	— AEG-Telefunken, D-71 Heilbronn, Postfach 1042, West Germany
	ALP	— Alpha Industries, Inc., 20 Sylvan Road, Woburn, Massachusetts 01801
	ALSF	— Alsthom, 38 Avenue Kleber, Paris 16, France
	APD	— American Power Devices, Inc., 7 Andover Street, Andover, Massachsuetts 01810
	APX	— Amperex Electronic Corp., Semicon. & Microcircuits Div., Slatersville, Rhode Island 02876
	ASES	— Allmanna Svenska Elektriska Aktiebolaget Electronics Div., Semicon. Components Dept. ASEAS-172-83, Vasteras, Sweden
	BBCG	— Brown, Boveri & Cie Aktiengesellschaft, 6840 Lampertheim, Postfach 200, Germany
(*)	BUR	— Burroughs Corp., Electronics Components Div., P.O. Box 1226, Plainfield, New Jersey 07061
	CDWF	— Compagnie des Dispositifs, Semiconducteurs Westinghouse, 32, Ave. Marc-Sangnier, 92 Villeneuve-La-Garenne, France
	CEI	— Calvert Electronics International, Inc., 220 E. 23rd St., New York, New York 10010
(*)	CGEF	— Compagnie Generale d'Electricite, Route de Nozay, 91-Marcoussis, France
	CITF	— COGIE Semiconducteurs — (See COGF)
	COGF	— COGIE Semiconducteurs, 3 Blvd. Anatole France, 93 Aubervilliers, France
	CRL	— Centralab Semiconductors, Globe-Union, Inc., 4501 No. Arden Dr., El Monte, California 91734
	CSR	— CSR Industries, Inc., 59 Central Ave., E. Farmingdale, New York 11735
	CUR	— Current Manufacturer
	DII	— Diodes, Inc., 20235 Nordhoff St., Chatsworth, California 91311
	DOCI	— Dino Olivetti S.p.A., Km 43 strada Pontina, 04011 Aprilia (Lt.), Italy
	ECC	— ECC Corp., P.O. Box 699, 1011 Pamela Drive, Euless, Texas 76039
	ELT	— Elite Semiconductor Products, Inc., 440 W. Merrick Rd., Valley Stream, New York 11580
	ESI	— Electro-State Industries, Inc., 118 W. 22nd St., New York, New York 10011
	ETC	— Electronic Transistor Corp., 153-13 Northern Blvd., Flushing, New York 11354
	FSC	— Fairchild Semiconductor, 464 Ellis Street, Mountain View, California 94040
	GESY	— General Electric Co., West Genessee St., Auburn, New York 13021
	HINI	— Hind Rectifier, Ltd., Lake Road, Bhandup, Bombay 78, India
	HUT	— Hutson Industries, Box 34235, 2019 W. Valley View Lane, Dallas, Texas 75234
	IDI	— International Devices, Inc., 3370 Livonia Ave., Los Angeles, Calif. 90034
	INR	— International Rectifier Corp., 233 Kansas St., El Segundo, Calif. 90245
	INRB	— International Rectifier Corp., Ltd., Hurst Green, Oxted, Surrey, England
	INRI	— International Rectifier Corp., Italiana S.p.A., Via Privata Liguria 19, 10071 Borgaro Torinese, Italy
	INRJ	— International Rectifier Corp., Japan Ltd., Daiei Bldg., 788, 1-chome, Tsunohauzu, Shinju-ku, Tokyo 160, Japan
	INTG	— Intermetall Halbleiterwerk der Deutsche ITT Ind. GmbH, 78 Freiburg im Breisgau, Hans-Bunte-Strasse 19, Germany
	ITT	— ITT Semiconductors, 3301 Electronics Way, West Palm Beach, Florida 33407
	ITTB	— ITT Semiconductors, A Div. of ITT Industries, Ltd., Footscray, Sidcup, Kent, England
	MATJ	— Matsushita Electronics Corp., Semicon. Div., Saiwaicho 1-1, Takatsuki, Osaka, Japan
	MDC	— Microwave Diode Corp., 119 Main Street, Colebrook, New Hampshire 03576
	MINA	— Philips Industries, Ltd., Elcoma Div., 67-71 Mars Rd., Lane Cove, N.S.W., Australia
	MISI	— Mistral, S.p.A., Via Melchiorre Gioia, 72, 20125 Milano, Italy
	MITJ	— Mitsubishi Electric Corp., Kita-itami Works, 4-1 Mizuhara, Itami, Hyogo, Japan
	MOTA	— Motorola Semiconductor Products, 5005 E. McDowell Rd., Phoenix, Arizona 85008
	MULB	— Mullard Limited, Mullard House, Torrington Place, London WC1E 7HD, England
	NAE	— NAE, Inc., 71 Linden Street, West Lynn, Massachusetts 01905
	NAT	— National Electronics, Inc., Geneva, Illinois 60134
	NECJ	— Nippon Electric Co., Ltd., Tokue Bldg., 33-7, Shiba Gochome, Minato-ku, Tokyo, Japan
	NLA	— No Longer Manufactured
	NONE	— Not Currently Manufactured
	NPC	— Nucleonic Products Co., Inc., 6660 Variel St., Canoga Park, Calif. 91303

MANUFACTURERS CODES, NAMES & ADDRESSES

SPACE-SAVERS UTILIZED IN THIS MANUFACTURER LISTING

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	NTRG	— NORTRON Herman Koehler Elektrik GmbH & Co., Oedenberger Strasse 55/65, Postfach 7, 8500 Nuernberg 30, Germany
	ORIJ	— Origin Electric Co., Ltd., 1-18-1 Takada, Toshimaku, Tokyo, Japan
(*)	PHIC	— Philips Electron Devices, 116 Vanderhoof Avenue, Toronto 17, Ontario, Canada
	PHIN	— N. V. Philips Gloeilampenfabrieken, Eidenhoven, Netherlands
(*)	PIR	— Pirgo Electronics, Inc., Pembroke Rd., Concord, New Hampshire 03301
	POS	— Power Semiconductor, Inc., 90 Munson St., P.O. Box 296, Devon, Connecticut 06460
	PRE	— Precision Semiconductors, Inc., 138 Levgar St., Piscataway, New Jersey 08854
	PWC	— Power Components, Inc., 21243 Ventura Blvd., Woodland Hills, Calif. 91364
	RCA	— RCA Corp., RCA Solid State Div., Route 202, Somerville, New Jersey 08876
	RTCF	— R.T.C.-La Radiotechnique-Compelec, 130, Ave. Ledru-Rollin, 75540 Paris Cedex 11, France
	RTN	— Raytheon Semiconductor Div., 350 Ellis St., Mountain View, Calif. 94040
	SAKJ	— Sanken Electric Co., Ltd., International Div., 1-22-8 Nishi-Ikebukuro, Toshima-ku, Tokyo, Japan
	SAR	— Sarkes-Tarzian, Inc., Semicon. Div., 415 No. College Ave., Bloomington, Indiana 47401
	SCA	— Semicoa, 333 McCormick Ave., Costa Mesa, California 92626
	SCN	— Semicon, Inc., 10 North Ave., Northwest Industrial Park, Burlington, Massachusetts 01803
	SEKG	— Semikron, Wiesentalstrasse 40, 84 Nuernberg, Germany
	SEN	— Sensitron Semiconductor, Div. of R.S.M. Electron Power, Inc., 221 W. Industry Ct., Deer Park, New York 11729
	SES	— Semitronics Corp., 265 Canal Street, New York, New York 11013
	SGAI	— SGS-ATES Componenti Elettronici, S.p.A., Via C. Olivetti, 20041 Agrate Brianza, Italy
	SGSI	— Societa Generale Semiconduttori S.p.A., SGS — (See SGAI)
	SHEJ	— Shindengen Electric Mfg. Co., 4, 2-chome Ohtemachi, Chiyoda-ku, Tokyo, Japan
(*)	SHO	— Shockley Transistor Corporation, 1801 Page Mill Rd., Palo Alto, California 94304
	SIEG	— Siemens Aktiengesellschaft, UBB HB VLH, 8000 Munchen 80, Balanstrasse 73, Germany
	SLD	— Solid State Industries, Inc., 1060 Thomas Jefferson St., N.W., Washington, D. C. 20007
	SSCF	— Silec-Semi Conductors, 30 Ave. de la Republique, 94-Villejuif, France
	SSI	— Solid State Devices, Inc., 14830 Valley View Ave., La Mirada, California 90638
	SSP	— Solid State Products — (See UNI)
	SST	— Solid State, Inc., 46 Farrand Street, Bloomfield, New Jersey 07003
	SWT	— Swampscott Electronics Co., 41 Spinale Rd., Swampscott, Massachusetts 01907
	SYN	— Syntron, FMC Corp., Parts & Material Handling Div., 1249 Lexington Ave., Homer City, Pa. 15748
	TAGS	— Transistor AG, Member of Raytheon Group, Hohlstrasse 610, 8048 Zurich, Switzerland
	TEC	— Transitron Electronic Sales Corp., 168 Albion St., Wakefield, Massachusetts 01880
	THCF	— Thomson-CSF, Div. Semiconductors SESCOSEM, 101, Blvd. Murat, 75781 Paris Cedex 16, France
	TII	— Texas Instruments, Inc., Components Group, P.O. Box 5012, Dallas, Texas 75222
	TIIB	— Texas Instruments, Ltd., Manton Lane, Bedford, England
	TIIC	— Texas Instruments, Inc., 280 Center Street, E. Richmond Hill, Ontario, Canada
	TIID	— Texas Instruments Deutschland GmbH, 8050 Freising, Haggertystrasse 1, Germany
	TIIF	— Texas Instruments France S.A., 06 Villeneuve-Loubet, A.M., France
	TOSJ	— Tokyo Shibaura Electric Co., Ltd., Kamukai-Toshiba-Cho, Kawasaki-Shi, Kanagawa-Ken, Japan
	TSAJ	— Tokyo Sanyo Electric Co., Ltd., Oizumimachi, Oragun, Gumma, Japan
	UNI	— Unitrode Corp., 580 Pleasant Street, Watertown, Massachusetts 02172
	VALG	— VALVO GmbH, Dept. DWE, D2000, POB 993, Hamburg 1, Germany
(*)	WEC	— Western Electric Company, Marian and Vine Streets, Laureldale, Pa. 19605
	WESB	— Westinghouse Brake & Signal Co., Ltd., 82 York Way, Kings Cross, London N.1, England
	WESI	— Compagnia Italiana Westinghouse, Freni E. Segnali, Corso Francia 136, Regina Margherita, Torino, Italy
	WESY	— Westinghouse Electric Corp., Semicon. Div., Youngwood, Pa. 15697
	WGN	— Wagner Electric Corp., Tung-Sol Div., 630 Mt. Pleasant Ave., Livingston, New Jersey 07039
(*)	WSI	— Western Semiconductors, Inc., 2200 So. Fairview St., Santa Ana, Calif. 92704
	WSLC	— Westcode Semiconductors, Ltd., 282 Belfield Rd., Rexdale M9W1H5, Ontario, Canada

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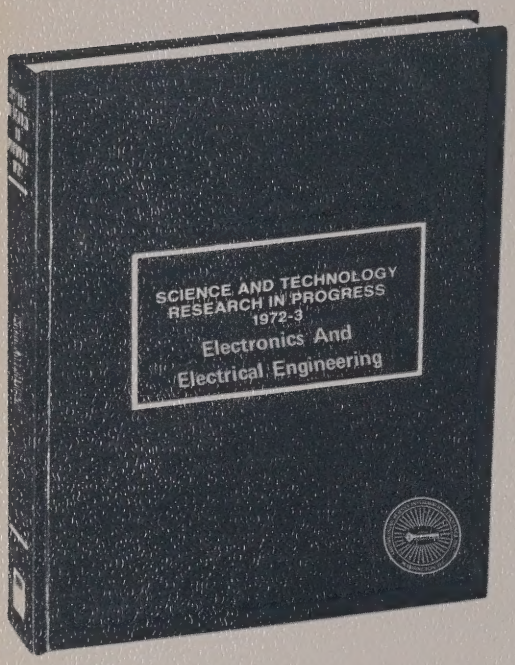

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